Subject: RDS/DM/EC/JW/NKhouri/TSaxton/WWorkman - Local Government Update
Location: Governor's Office, Romney

Start: Wed 7/22/2015 2:30 PM
End: Wed 7/22/2015 3:15 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Pleyte, Beth (Treasury); Doyle, Maureen (Treasury); Walsh, John (GOV); Khouri, Nick (TREASURY); Dempkowski, Angela (Treasury)

Agenda:

Not Responsive

Flint

- Water System/KWA

Not Responsive

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: July 10, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

EMERGENCY MANAGER

Not Responsive

FINANCIAL REVIEW COMMISSION (FRC)

Not Responsive

Not Responsive

Not Responsive

Flint

RTAB Appointed: April 29, 2015

RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

- The City Council approved an amendment to the EM adopted FY 15 budget on June 29, 2015. The city ended FY 15 with an estimated $495K General Fund balance. The RTAB will be reviewing the budget amendment at their July 15, 2015 meeting.
- The City Administrator has issued a Corrective Action Plan to the City Clerk to correct a number of operational deficiencies that resulted in the wrong election submission dates being provided to local candidates.
- Legislation has been signed that will allow candidates who submitted petitions by April 28, 2015 to have their names placed on the August Primary ballot.
- U.S. District Judge Stephen J. Murphy denied a motion for a preliminary injunction on June 23, 2015, to force the city to purchase water from the City of Detroit.
- On June 12, 2015, the Michigan Court of Appeals reversed a decision by Genesee County Circuit Judge Richard Yuille, who dismissed a claim that the city violated its own ordinances when the Emergency Manager raised water and sewer rates in 2011.

- The RTAB held its first meeting on June 11, 2015. Jodi Lundquist has assumed the position of CFO.
- As a result of a recent review, the State Tax Commission notified the city that it must maintain adequate assessment records in compliance with statute and State Tax Commission Rules, and must implement any corrective actions necessary. In addition, the city shall implement a full reassessment within a time frame agreed upon with the State Tax Commission. The city will be issuing an RFP for a reappraisal.
- The city continues to inform residents that it is in violation of the Clean Water Standards Act. Monthly testing is ongoing.
- The city is implementing Veolia recommended improvements to its water system, including water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city is installing a $1.5M granulated active-charcoal filter to improve water quality. This filter installation will be completed in mid-July.
- The city hired Echologics at a cost of $895,850 to perform a leak detection study. This project is scheduled to begin in July 2015.
- The KWA pipeline is expected to be completed in June 2016. The two pump stations are 75% complete and the intake should be completed in August 2015.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Subject:	Flint Water Conf Call
Start:	Fri 9/18/2015 7:00 AM
End:	Fri 9/18/2015 8:00 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	Clayton, Stacie (GOV)
Required Attendees:	Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Brown, Eric (GOV); Lyon, Nick (DCH); Wyant, Dan (DEQ); Khouri, Nick (TREASURY); Wisniewski, Wendy (GOV); Rospond, Laurie (GOV); Grijalva, Nancy (DCH); Thelen, Mary Beth (DEQ); Doyle, Maureen (Treasury); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)
Optional Attendees:	Mcbride, Bill (GOV)

Call In: **PPI**
Access:
Harvey will host

Agenda

DEQ update on Flint water and elected officials briefing
Dennis Muchmore update
Harvey Hollins update
Treasury update
DHHS update
Action steps going forward (DEQ)

Participants

Dennis Muchmore
Dick Posthumus
Harvey Hollins
Eric Brown
Bill McBride
Nick Lyon
Dan Wyant
Nick Khouri

Subject: RDS/DM/BM/NL/DW - Call to Congressman Dan Kildee
Location: By Phone

Start: Mon 9/28/2015 11:30 AM
End: Mon 9/28/2015 12:00 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Mcbride, Bill (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV)

Purpose: Request from Kildee to talk about the lead in the water in Flint

Participants:

- Congressman Kildee
- Jen Cox, Chief of Staff
- Troy Nienberg, Legislative Director
- Jordan Dickinson, Legislative Assistant

PPI

Host: PPI DM to dial in as host

POC: Jordan Dickinson - PPI jordan.dickinson@mail.house.gov or Brunner, Nathan Nathan.Brunner@mail.house.gov

Subject:	RDS/DM/BM/NL/DW/Maggie Pallone/Karen Tommasulo/Col. Etue & Lt. Col. Sands/HH/DMurray/TSaxton - Meeting Re: Flint Water
Location:	Governor's Conference Room, Romney
Start:	Tue 9/29/2015 12:00 PM
End:	Tue 9/29/2015 12:30 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Mcbride, Bill (GOV); Wisniewski, Wendy (GOV); Muchmore, Dennis (GOV); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Etue, Kriste (MSP); Klotz, Josephine (MSP); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV); Murray, David (GOV); Adamczyk, Lynne (GOV); Sands, Thomas (MSP)
Optional Attendees:	Clement, Elizabeth (GOV); Agen, Jarrod (GOV)

PPI

HH by Phone

PPI

Host: PPI RH to dial in as host

Subject:	Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP
Location:	Governor's Conference Room, 2nd Romney
Start:	Wed 9/30/2015 2:30 PM
End:	Wed 9/30/2015 3:00 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	Posthumus, Dick (GOV)
Required Attendees:	Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV) (wisniewskiw@michigan.gov)

Attending:
Sen Ananich (he may arrive late or leave early – they are working on his schedule)
Andy Leavitt
Dan Oberlan – Policy
Dave Etenger – Policy

CON: Shawn – PPI

Subject: RDS/DM/JA/EC/RB/DMurray/HH/DWyant/NLyon/MAnderson - Flint After Action Call
Location: By Phone

Start: Tue 11/24/2015 4:30 PM
End: Tue 11/24/2015 5:00 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Baird, Richard (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Lyon, Nick (DHHS); Scott, Allison (GOV); Murray, David (GOV); Anderson, Madhu (DEQ)

Call In:

PPI

Host: **PPI** host ALS

Purpose: Per RB

Participants:
Matt Davis, Professor of Pediatrics & Internal Medicine U of M
Chris Kolb, President – Michigan Environmental Council
Ken Sikkema, Senior Policy Fellow – Public Sector Consultants
Eric Rothstein, Principal – Galardi & Rothstein Group
Larry Reynolds, Pediatrician Mott Children's Health Center

Subject:	Hollins/Wyant/Flint Mayor Weaver
Location:	Governor's Conference Room, Romney Building, 2nd Floor
Start:	Thu 12/3/2015 10:00 AM
End:	Thu 12/3/2015 11:00 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	Clayton, Stacie (GOV)
Required Attendees:	Hollins, Harvey (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Wisniewski, Wendy (GOV); Sygo, Jim (DEQ); Krisztian, George (DEQ)
Optional Attendees:	Muchmore, Dennis (GOV)

Updated attendees list

Attendees

Harvey Hollins, Governor's Office
Dennis Muchmore, Governor's Office
Dan Wyant, DEQ
Jim Sygo, Chief Deputy Director
George Krisztian, DEQ Flint Drinking Water Coordinator
Mayor Karen Weaver
Aonie Gilcreast, Mayor's Transition Team
Allen Overton, Mayor's Transition Team
Wallace Hill, Mayor's Transition Team

Subject: RDS/JA/EC/RB - Conference Call Re: Flint
Location: By Phone

Start: Tue 12/29/2015 10:30 AM
End: Tue 12/29/2015 11:00 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)

Per JA

PPI

Host: **PPI** JA to dial in as host

From: Workman, Wayne (TREASURY)
Sent: Friday, October 03, 2014 1:59 PM
To: Muchmore, Dennis (GOV); Clinton, Kevin (TREASURY); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)
Cc: Saxton, Thomas (Treasury); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Baird, Richard (GOV); Dempkowski, Angela (Treasury)
Subject: September 2014 Gov Memo and Summary
Attachments: Oct Gov Memo.docx; 10-1-14 - 436Summary.docx

All: Attached please find an update of issues and actions regarding distressed local governments and school districts through September 2014. Let me know if you have any questions or need additional information.

Wayne Workman | Deputy State Treasurer
State of Michigan | 430 W. Allegan Street | Lansing, MI 48922

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: October 3, 2014

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Flint
Emergency Manager: Darnell Earley
Appointed: November 28, 2013
Anticipated Exit: April 2015

Recent Developments
- Emergency Manager Darnell Earley initiated a search for a qualified and experienced City Administrator. Ideally, the chosen candidate will begin on January 30, 2015.
- Five Charter amendments and a general Charter revision question have been placed on the November 2014 ballot. These include eliminating the Office of Ombudsmen and Civil Service Commission, reducing mayoral staff appointments from ten to five, eliminating the requirement for specific executive departments, and requiring that the annual budget include a budget message, multi-year financial plans, revenue projections, and a Budget Stabilization Fund.
- The City has contacted the Michigan Health Endowment Fund at MDCH to determine if grant funds are available to start a fund to assist citizens who are unable to pay their water/sewer bills.

Significant Actions/Issues
- On September 5, 2014 a boil water advisory was issued due to multiple positive tests for "total coliform" covering approximately a 9 square mile area. This was caused from a broken valve which feeds the transition main.
- In August, Treasury staff met with the Mayor and City Council in one-on-one meetings to discuss the possibility of the Emergency Manager exiting in April 2015, and to explain the function of a Receivership Transition Advisory Board. An April 2015 exit will not be possible if the pending retiree lawsuit outcome is unfavorable to the City. Decision date is still to be determined.
- Accumulated deficit for FY 2013 was $12.9M; the City reduced the deficit by $3.9M to $9M in FY 2014 (unaudited).
- A $1.1M State appropriation was received to fund front-line public safety positions for FY 2015.
- The sale of the water pipeline for $3.9M was completed in June 2014.

- The Genesee County 911 Consortium approved Flint's return to the county-wide system by July 1, 2015. This will result in about $1M in annual savings to the City. Currently, the City spends $2.4M annually to subsidize its own 911 operations.
- The results of a comprehensive public safety study, being prepared by ICMA, will be available this fall.

Issues to Resolve before EM Exit

- Eliminate annual operating/structural deficit which is projected at $1.7M for FY 2017, and grows to $11.9M by FY 2019 if the City loses the lawsuit over retiree healthcare. If the City loses this lawsuit, it will permanently add $5M annually to the cost of retiree healthcare. The City's budget does not assume this additional $5M potential expense.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

EMERGENCY MANAGER				
Unit of Government	**Current Emergency Manager**	**Initial Appointment Date**	**Target Exit Date**	**Notes**
City of Flint	Darnell Earley	November 28, 2011	April 2015	* Five Charter amendments and a general Charter revision question have been placed on the 11/14 ballot. * A $1.1M state appropriation received to fund front-line public safety positions for FY 15.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From: Walsh, John (GOV)
Sent: Thursday, January 29, 2015 5:09 PM
To: Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV); Agen, Jarrod (GOV); Brownfield, Michael (GOV)
Subject: RE: Letter of Appeal for Flint

We can work with the Legislative staff and prepare a response. Please note that Flint will be a recipient of $2 million in awards under the Financially Distressed Cities and Townships program - $900,000 for water and $1.1 million for the incinerator. This has not been announced publicly – Treasury will be circulating internally their overall recommendations late this afternoon or tomorrow morning. We can coordinate how this information might be disseminated with Comms to assist with our messaging in Flint (I added Jarrod to this email chain).

From: Wisniewski, Wendy (GOV)
Sent: Thursday, January 29, 2015 4:55 PM
To: Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV)
Subject: FW: Letter of Appeal for Flint
Importance: High

FYI

From: Rep. Sheldon Neeley (District 34) [mailto:SheldonNeeley@house.mi.gov]
Sent: Thursday, January 29, 2015 4:02 PM
To: Governors **PPI**
Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech
Subject: Letter of Appeal for Flint
Importance: High

Dear Gov. Snyder,
Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative
34th District - Flint
N-798 House Office Building
P. O. Box 30014
Lansing, MI 48909
Office: (517) 373-8808
Toll Free: (844) 4-NEELEY
FAX: (517) 373-5997
E-mail: sheldonneeley@house.mi.gov
Web: http://neeley.housedems.com

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 10:44 AM
To: Wisniewski, Wendy (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Flint Conference Call

Greetings All,

Harvey would like to schedule a brief conference call today regarding next steps on Flint water matters. Please let me know DM. EC, JW, DP and DM availability for a call:

11:30am
12:00pm
1:00pm
1:30pm
2:00pm
2:30pm
3:00pm

Thank you,
Stacie

From: Posthumus, Dick (GOV)
Sent: Friday, January 30, 2015 12:51 PM
To: Wisniewski, Wendy (GOV)
Cc: Clayton, Stacie (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Re: Flint Conference Call

I can do it either time
Dick

Sent from my iPhone

On Jan 30, 2015, at 10:47 AM, "Wisniewski, Wendy (GOV)" <wisniewskiw@michigan.gov> wrote:

> 1:30 and 3:00 are the only times that work for both Dennis & Beth
>
> ---
>
> **From:** Clayton, Stacie (GOV)
> **Sent:** Friday, January 30, 2015 10:44 AM
> **To:** Wisniewski, Wendy (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
> **Cc:** Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
> **Subject:** Flint Conference Call
>
> Greetings All,
>
> Harvey would like to schedule a brief conference call today regarding next steps on Flint water matters. Please let me know DM. EC, JW, DP and DM availability for a call:
>
> 11:30am
> 12:00pm
> 1:00pm
> 1:30pm
> 2:00pm
> 2:30pm
> 3:00pm
>
> Thank you,
> ***Stacie***

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 6:05 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Wurfel, Brad (DEQ); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV)
Cc: Wisniewski, Wendy (GOV); Rospond, Laurie (GOV)
Subject: Backgrounder on Tuesday Flint water event
Attachments: Briefing Flint grant announcement.docx

Team,

Here is background on the planned Tuesday event in Flint regarding the $2 million Distressed Cities grant and other issues connected to the water issue.

There are plans for two press releases on Tuesday. The first will detail the two Flint grants and will be released by the governor's communications office. The other release, which would detail the other grants, would follow from Treasury with a quote from the governor.

Mayor Walling has agreed to speak at the event, with Harvey Hollins and Dan Wyant representing the governor's office. Sen. Ananich has asked to speak, and it has been suggested that Rep. Neeley would speak and it might be better to add him to the program. Others, such as Deputy Director Workman and Emergency Manager Ambrose, would be present and available.

The attached document includes details about the planned event, as well as background on the grants from Treasury and on the entire water issue from DEQ as well as Mayor Walling's Facebook post about the governor and links to the stories in the media about the issue.

We have a room reserved and are working with the communications team in Flint to have microphones and other items needed for the event.

Please let me know if there is any information you think should also be included, or anything that should be changed. Once everyone has had the opportunity to review, we can forward to the governor.

Thank you, everyone, for your assistance. I know there are lots of moving pieces and many people involved.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, PPI
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, PPI
Treasury communications: Terry Stanton, stantont@michigan.gov, PPI

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

Mayor Walling's Facebook post

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund

- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part. Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe. Thank you for your ongoing support.

Links to coverage

- Mayor, governor have 'long, productive' talk about Flint's water problems, Jan. 30
- 2,000 more gallons of water headed to Flint for giveaway, Jan. 30, 2015
- Flint emergency manager says there are two big reasons not to reconnect Detroit water, Jan. 29
- Flint Democracy Defense League plans four meetings on city's water problems, Jan. 29
- Environmentalist sends out new warnings about Flint water, NBC, Jan. 27
- Erin Brockovich says on Facebook she's prepared to come to Flint, MLive, Jan. 27
- Mott Community College not waiting for Flint to ensure safe water, MLive, Jan. 26
- Detroit water chief says she's willing to sell emergency water to Flint -- no strings attached, Jan. 26
- Mayor says governor needs to visit Flint to see water crisis first hand, MLive, Jan. 26
- Need water? Flint groups collect 600 cases, plan distribution this week, MLive, Jan. 26
- Incoming Flint water expert would have 'continual oversight' until new pipeline connected, Jan. 25
- Looking back at Flint's water problems (photo gallery), MLive, Jan. 25
- Flint water problems: Switch aimed to save $5 million -- but at what cost?, MLive, Jan. 23
- State says its already 'working diligently' on Flint's water problems, MLive, Jan. 22
- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

From: Muchmore, Dennis (GOV)
Sent: Tuesday, February 10, 2015 8:46 AM
To: Clement, Elizabeth (GOV)
Cc: Wisniewski, Wendy (GOV)
Subject: Fwd: A couple of things

Not Responsive

Begin forwarded message:

From: "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
Date: February 10, 2015 at 6:24:45 AM EST
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
Cc: "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Wisniewski, Wendy (GOV)" <wisniewskiw@michigan.gov>
Subject: Re: A couple of things

Darnell's contact information:

Darnell.earley@detroitk12.org

PPI
- direct
- office assistant Valerie
- cell

Re Flint water... we should hopefully have something late today or tomorrow. Wayne's guys have a table with the historical rate info you wanted. They are putting together the reconnect $info. I want to make sure though that Jerry A. is comfortable with the numbers, etc.

Not Responsive

From: Muchmore, Dennis (GOV)
Sent: Monday, February 9, 2015 11:35 AM
To: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY)
Subject: A couple of things

1. I need Darnell Earley's new email and phone;
2. Do we have the numbers on the Flint project: Pre cost of DWSD cut off/Present cost for users? Cost of reconnect on Flint end?
3. Discussion with KWA contractors to get a fix on timeline for construction.

From: Hollins, Harvey (GOV)
Sent: Wednesday, February 11, 2015 12:27 PM
To: Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY)
Subject: Re: Flint water

Why did the rates go up after the connection to the Flint river?

Best,
Harvey

On Feb 11, 2015, at 12:21 PM, Saxton, Thomas (Treasury) <SaxtonT@michigan.gov> wrote:

> Dennis – the attached pdf is the memo & table that hopefully addresses some of the info needs stemming from the meeting with the pastors last week. Jerry A. has looked at this document as well. In terms of key items at this point (that are mentioned in the memo)….
>
> KWA may be hooked up by the end of this calendar year; weather permitting, etc. Even allowing for some slippage that is positive news
>
> Whether you hooked to DWSD thru the county or directly; it is a $1mm add'l impact to the budget… an add'l 30% increase in rates over existing
>
> They have $2mm already baked in the budget to fix that two mile 'bad' section of pipeline that might address a good portion of the current issues
>
> They now have an outside consultant on the ground who is suppose to provide some preliminary indications next week to help improve the situation
>
> Don't forget about the $2mm SRF loan restructuring (which we have not officially put on the table). Those $s would be available for more system improvements.
>
> Again, sorry this took as long as it did. Let us know if this is what you had in mind or if you need anything else. Wayne – chime in if I missed anything.
>
> See you @ 1:30
>
> <FlintWater.pdf>

From: Workman, Wayne (TREASURY)
Sent: Wednesday, February 11, 2015 12:34 PM
To: Hollins, Harvey (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV)
Subject: RE: Flint water

Checking on that. I think I know but will wait for feedback from City

---

From: Hollins, Harvey (GOV)
Sent: Wednesday, February 11, 2015 12:27 PM
To: Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY)
Subject: Re: Flint water

Why did the rates go up after the connection to the Flint river?

Best,
Harvey

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> Again, sorry this took as long as it did. Let us know if this is what you had in mind or if you need anything else. Wayne – chime in if I missed anything.
>
> See you @ 1:30

<FlintWater.pdf>

From: Hollins, Harvey (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); Wisniewski, Wendy (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: Flint Phone Call

Importance: High

I'd like to convene a phone call today to discuss a Flint water solution. Please let Stacie know your availability for a call today anytime between 2pm and 5pm and she will send out the appointment and conference line information. I'll loop in Gerry Ambrose once we reach consensus.

Best,
Harvey

From: Saxton, Thomas (Treasury)
Sent: Tuesday, March 03, 2015 1:05 PM
To: Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: RE: Flint Phone Call

Wayne & I would be able from around 3:15 to 4:00. If that works I assume someone will send around a call-in.

From: Wisniewski, Wendy (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Hollins, Harvey (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: RE: Flint Phone Call

Beth is available 3:00 – 4:30

From: Hollins, Harvey (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); Wisniewski, Wendy (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: Flint Phone Call
Importance: High

I'd like to convene a phone call today to discuss a Flint water solution. Please let Stacie know your availability for a call today anytime between 2pm and 5pm and she will send out the appointment and conference line information. I'll loop in Gerry Ambrose once we reach consensus.

Best,
Harvey

From: Muchmore, Dennis (GOV)
Sent: Tuesday, April 28, 2015 4:36 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Cc: Wisniewski, Wendy (GOV); Clement, Elizabeth (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury)
Subject: Flint Press Release

Very nicely done on the press release on Flint.

From: Muchmore, Dennis (GOV)
Sent: Thursday, July 30, 2015 9:43 AM
To: Wurfel, Brad (DEQ)
Cc: Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY)
Subject: Flint Water Meeting

Can you join us with some Flint community leaders on Tuesday at 9:30 to talk about these water quality issues (probably need to bring your science guy)? Tom and Wayne will be there and Harvey and I promised these pastors we'd have real information for them and we do.

From: Clayton, Stacie (GOV)
Sent: Tuesday, August 25, 2015 11:40 AM
To: Muchmore, Dennis (GOV)
Cc: Hollins, Harvey (GOV); Wisniewski, Wendy (GOV)
Subject: RE: HH/DM & others Re: KWA (Flint Water)

Hi Dennis,

There is nothing new regarding this matter. This meeting with Jeff Wright & now Treasury was scheduled after the last meeting you and Harvey had with the Flint Pastors and others. There will be no Flint community people at this meeting. The agenda is as follows:

1) Financing of new water system
2) Governing of the new water system
3) Timeline for the build out of KWA

Please let me know if you need anything else.

Stacie

From: Muchmore, Dennis (GOV)
Sent: Tuesday, August 25, 2015 11:11 AM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: RE: HH/DM & others Re: KWA (Flint Water)

Now what?

-----Original Appointment-----
From: Clayton, Stacie (GOV)
Sent: Tuesday, August 25, 2015 10:24 AM
To: Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Dempkowski, Angela (Treasury); Wisniewski, Wendy (GOV)
Subject: HH/DM & others Re: KWA (Flint Water)
When: Wednesday, August 26, 2015 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Governor's Conference Room

Call In: **PPI**
Access
Harvey will host

Attendees
Dennis Muchmore
Harvey Hollins
Tom Saxton
Wayne Workman -- via phone

Jeff Wright, Genesee Drain Commissioner and Chair of KWA
John O'Brien, Genesee Drain Deputy Commissioner
Dave Jansen, assistant to J. Wright

Agenda Items:

1) Financing of new water system
2) Governing of the new water system
3) Timeline for the build out of KWA

From: Clayton, Stacie (GOV)
Sent: Thursday, September 17, 2015 11:27 AM
To: Wisniewski, Wendy (GOV)
Cc: Mcbride, Bill (GOV); Adamczyk, Lynne (GOV); Muchmore, Dennis (GOV)
Subject: RE: Document for Review - Flint Water Plan Support

Thank you, Wendy. That is correct. And I see Bill McBride has been added to the conference call for Friday morning. Please let me know if you need me to do anything else.

Stacie

From: Wisniewski, Wendy (GOV)
Sent: Thursday, September 17, 2015 11:22 AM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Adamczyk, Lynne (GOV) <adamczykl@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: FW: Document for Review - Flint Water Plan Support

Stacie – I'm sorry for the confusion – Dennis would like to review any response that is drafted but I assume that this letter and any response is one of the things being discussed on tomorrow morning's conference call with everyone.

From: "Adamczyk, Lynne (GOV)" <adamczykl@michigan.gov>
Date: September 16, 2015 at 3:19:18 PM EDT
To: "Clayton, Stacie (GOV)" <claytons3@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Rospond, Laurie (GOV)" <rospondl@michigan.gov>, "Brown, Eric (GOV)" <BrownE15@michigan.gov>, "Dempkowski, Angela (Treasury)" <DempkowskiA@michigan.gov>, "Pleyte, Beth (Treasury)" <PleyteB@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Grijalva, Nancy (DCH)" <GrijalvaN@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Doyle, Maureen (Treasury)" <DoyleM4@michigan.gov>, "Minix, Connie (DTMB)" <minixc@michigan.gov>
Subject: Document for Review - Flint Water Plan Support

Stacie, please have Harvey respond to this letter from Mayor Walling and send me a copy of the response letter.

Thanks,

Lynne

Lynne Adamczyk
Executive Assistant
Office of Governor Rick Snyder
517-373-3400 (o)
PPI d)
adamczykl@michigan.gov

From: Thelen, Mary Beth (DEQ)
Sent: Thursday, September 17, 2015 1:17 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Brown, Eric (GOV); Lyon, Nick (DCH); Wyant, Dan (DEQ); Khouri, Nick (TREASURY); Wisniewski, Wendy (GOV); Rospond, Laurie (GOV); Grijalva, Nancy (DCH); Doyle, Maureen (Treasury); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Feuerstein, Heather (DEQ); Pallone, Maggie (DEQ)
Subject: RE: Flint Water Conf Call

For those who would like to participate in person/ in a conference room, DEQ has arranged the Director's Conference Room, 6th Floor South Tower, Constitution Hall.

This is for the 8:00 conference call Friday morning, September 18.

Mary Beth

Mary Beth Thelen

Management Assistant to Director Dan Wyant

Department of Environmental Quality

Constitution Hall, 6th Floor South

Phone: 517-284-6712 or 284-6700 (new numbers)

Fax: 517-241-7401

Thelenm2@michigan.gov

-----Original Appointment-----
From: Clayton, Stacie (GOV)
Sent: Tuesday, September 15, 2015 2:33 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Brown, Eric (GOV); Lyon, Nick (DCH); Wyant, Dan (DEQ); Khouri, Nick (TREASURY); Wisniewski, Wendy (GOV); Rospond, Laurie (GOV); Grijalva, Nancy (DCH); Thelen, Mary Beth (DEQ); Doyle, Maureen (Treasury); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Feuerstein, Heather (DEQ); Pallone, Maggie (DEQ)
Subject: Flint Water Conf Call
When: Friday, September 18, 2015 8:00 AM-9:00 AM Customized Time Zone.
Where:

Call In: **PPI**

Access:

Harvey will host

Participants

Dennis Muchmore

Dick Posthumus

Harvey Hollins

Eric Brown

Nick Lyon

Dan Wyant

Nick Khouri

From: Clayton, Stacie (GOV)
Sent: Thursday, September 24, 2015 12:33 PM
To: Wisniewski, Wendy (GOV)
Cc: Hollins, Harvey (GOV)
Subject: Important call today

Hi Wendy,

I just tried your desk phone. I'm on vacation today. Will you please assist Harvey in setting up a conf call for this afternoon regarding Flint water? This is time-sensitive.

The call should include Muchmore, Clement, Baird, Wyant, Lyon, Saxton, and D. Murray.

Please let me know. Thank you.

Stacie Clayton
Sent from my iPhone

From: Clayton, Stacie (GOV)
Sent: Thursday, September 24, 2015 12:50 PM
To: Wisniewski, Wendy (GOV)
Cc: Hollins, Harvey (GOV)
Subject: Re: Important call today

Wendy,

Will you please coordinate the call with everyone listed in my previous email? Harvey is available for the times you offered. I'm on vacation today and was about to head out to lunch.

Stacie Clayton
Sent from my iPhone

> On Sep 24, 2015, at 12:42 PM, Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov> wrote:
>
> Dennis has the tribal summit with Governor today so if you need him he is only available from 3:30 - 4:30 or after 5:00
>
> -----Original Message-----
> From: Clayton, Stacie (GOV)
> Sent: Thursday, September 24, 2015 12:33 PM
> To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
> Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
> Subject: Important call today
>
> Hi Wendy,
>
> I just tried your desk phone. I'm on vacation today. Will you please assist Harvey in setting up a conf call for this afternoon regarding Flint water? This is time-sensitive.
>
> The call should include Muchmore, Clement, Baird, Wyant, Lyon, Saxton, and D. Murray.
>
> Please let me know. Thank you.
>
> Stacie Clayton
> Sent from my iPhone

From: Clayton, Stacie (GOV)
Sent: Thursday, September 24, 2015 12:53 PM
To: Wisniewski, Wendy (GOV)
Cc: Hollins, Harvey (GOV)
Subject: Re: Important call today

That works. Thank you. Do you need our conf call info?

Stacie Clayton
Sent from my iPhone

> On Sep 24, 2015, at 12:51 PM, Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov> wrote:
>
> I sent an email to the assistants and will do my best but I'm kind of swamped too today so I may just have to pick a time and send out an appointment and people can hopefully call. Harvey will have to host the call
>
> -----Original Message-----
> From: Clayton, Stacie (GOV)
> Sent: Thursday, September 24, 2015 12:50 PM
> To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
> Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
> Subject: Re: Important call today
>
> Wendy,
>
> Will you please coordinate the call with everyone listed in my previous email? Harvey is available for the times you offered. I'm on vacation today and was about to head out to lunch.
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> Sent from my iPhone
>
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>>
>> Dennis has the tribal summit with Governor today so if you need him he is only available from 3:30 - 4:30 or after 5:00
>>
>> -----Original Message-----
>> From: Clayton, Stacie (GOV)
>> Sent: Thursday, September 24, 2015 12:33 PM
>> To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
>> Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
>> Subject: Important call today
>>
>> Hi Wendy,
>>
>> I just tried your desk phone. I'm on vacation today. Will you please assist Harvey in setting up a conf call for this afternoon regarding Flint water? This is time-sensitive.
>>

>> The call should include Muchmore, Clement, Baird, Wyant, Lyon, Saxton, and D. Murray.
>>
>> Please let me know. Thank you.
>>
>> Stacie Clayton
>> Sent from my iPhone

From: Wurfel, Brad (DEQ)
Sent: Thursday, September 24, 2015 4:51 PM
To: Lasher, Geralyn (DCH)
Cc: Muchmore, Dennis (GOV); Baird, Richard (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Lyon, Nick (DCH); Clement, Elizabeth (GOV); Mcbride, Bill (GOV); Walsh, John (GOV); Hollins, Harvey (GOV); Wyant, Dan (DEQ); Hertel, Elizabeth (DCH); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH); Eisner, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Updated MDHHS talking points, data

Ed white, AP, coming your way G.

Sent from my iPhone

On Sep 24, 2015, at 4:15 PM, Lasher, Geralyn (DCH) <lasherg@michigan.gov> wrote:

> Attached you will find a copy of our talking points as well as tables that outline our data on blood lead testing in children in Flint before and after the change in Flint's water.
>
> While the chart is a bit cluttered with the different colored lines representing different years, in the bullet point narrative, you can see that our experts state that if the elevated blood lead levels were being driven by the change in water, we would expect the dark blue line to stay high rather than follow the seasonal pattern.
>
> Thank you,
> Geralyn
>
> <FINAL Flint Lead TP 092415.docx>
>
> <BLLs in Flint v2.pptx>
>
> <Flint Testing and EBLLs_updated 092315_with notes.pdf>

From: Mcbride, Bill (GOV)
Sent: Friday, September 25, 2015 5:02 AM
To: Dickinson, Jordan
Cc: Emmitt, Beth (GOV); Rospond, Laurie (GOV); Murray, David (GOV)
Subject: Re: Request for Phone Call with Congressman Kildee

Dennis needs to see this and speak to Governor before any call is made to Congressman Kildee

Sent from my iPhone

> On Sep 24, 2015, at 9:43 PM, Dickinson, Jordan <Jordan.Dickinson@mail.house.gov> wrote:
>
> Thanks you very much for your prompt response Beth. I look forward to hearing from you in the morning.
>
> Jordan Dickinson
> Legislative Assistant
> Congressman Dan Kildee (MI-05)
> 202-225-3611
>
> ----- Original Message -----
> From: Emmitt, Beth (GOV) [mailto:emmittb@michigan.gov]
> Sent: Thursday, September 24, 2015 09:26 PM
> To: Dickinson, Jordan
> Cc: Rospond, Laurie (GOV) <rospondl@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Re: Request for Phone Call with Congressman Kildee
>
> Hi Jordan,
> The Governor is going to be traveling most of the day tomorrow, but we work to see if we can find a good time cell-wise and get back with you in the morning.
> Thanks,
> Beth
>
>
> On Sep 24, 2015, at 7:05 PM, Dickinson, Jordan <Jordan.Dickinson@mail.house.gov<mailto:Jordan.Dickinson@mail.house.gov>> wrote:
>
> Hi Beth and Laurie,
>
> My boss would like to set up a phone call with Governor Snyder regarding the lead in the water in Flint. He would like to do it tomorrow if possible due to the immediacy of the problem. Please let me know if we can get something scheduled for tomorrow.
>
> Thank you,
>
> Jordan Dickinson
> Legislative Assistant
> Congressman Dan Kildee (MI-05)

> 227 Cannon House Office Building
> Washington, D.C. 20515
> Phone: (202) 225-3611
> www.dankildee.house.gov<http://www.dankildee.house.gov/>
>
[http://demcom/sites/default/files/Facebook_logo_32.gif]<http://www.facebook.com/repdankildee><image002.gif><http://www.twitter.com/repdankildee> <image003.jpg><http://www.youtube.com/repdankildee>
<image004.png><http://www.flickr.com/photos/repdankildee>
>
> Sign up for Congressman Dan Kildee's e-newsletter<http://dankildee.house.gov/newsletter-subscription/>
>
>

From: Mcbride, Bill (GOV)
Sent: Friday, September 25, 2015 5:08 AM
To: Emmitt, Beth (GOV)
Cc: Wisniewski, Wendy (GOV); Muchmore, Dennis (GOV)
Subject: Fwd: Request for Phone Call with Congressman Kildee

I didn't realize I responded to Kildees staff also in last message. My point is that Dennis needs to brief Governor

Sent from my iPhone

Begin forwarded message:

> **From:** "Dickinson, Jordan" <Jordan.Dickinson@mail.house.gov>
> **Date:** September 24, 2015 at 9:43:51 PM EDT
> **To:** "'emmittb@michigan.gov'" <emmittb@michigan.gov>
> **Cc:** "'rospondl@michigan.gov'" <rospondl@michigan.gov>, "'mcbrideb@michigan.gov'" <mcbrideb@michigan.gov>, "'MurrayD1@michigan.gov'" <MurrayD1@michigan.gov>
> **Subject: Re: Request for Phone Call with Congressman Kildee**
>
> Thanks you very much for your prompt response Beth. I look forward to hearing from you in the morning.
>
> Jordan Dickinson
> Legislative Assistant
> Congressman Dan Kildee (MI-05)
> **PPI**
>
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> To: Dickinson, Jordan
> Cc: Rospond, Laurie (GOV) <rospondl@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
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Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone PPI
www.dankildee.house.gov<http://www.dankildee.house.gov/>
[http://demcom/sites/default/files/Facebook_logo_32.gif]<http://www.facebook.com/repdankildee><image002.gif><http://www.twitter.com/repdankildee>
<image003.jpg><http://www.youtube.com/repdankildee>
<image004.png><http://www.flickr.com/photos/repdankildee>

Sign up for Congressman Dan Kildee's e-newsletter<http://dankildee.house.gov/newsletter-subscription/>

From: Emmitt, Beth (GOV)
Sent: Friday, September 25, 2015 7:25 AM
To: Mcbride, Bill (GOV)
Cc: Wisniewski, Wendy (GOV); Muchmore, Dennis (GOV)
Subject: Re: Request for Phone Call with Congressman Kildee

We covered it briefly with that Governor in Comms update yesterday. Wanted to know from you if we should book it today or Monday.

On Sep 25, 2015, at 5:07 AM, Mcbride, Bill (GOV) <mcbrideb@michigan.gov> wrote:

> I didn't realize I responded to Kildees staff also in last message. My point is that Dennis needs to brief Governor
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** "Dickinson, Jordan" <Jordan.Dickinson@mail.house.gov>
> **Date:** September 24, 2015 at 9:43:51 PM EDT
> **To:** "'emmittb@michigan.gov'" <emmittb@michigan.gov>
> **Cc:** "'rospondl@michigan.gov'" <rospondl@michigan.gov>,
> "'mcbrideb@michigan.gov'" <mcbrideb@michigan.gov>,
> "'MurrayD1@michigan.gov'" <MurrayD1@michigan.gov>
> **Subject: Re: Request for Phone Call with Congressman Kildee**
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>
> Jordan Dickinson
> Legislative Assistant
> Congressman Dan Kildee (MI-05)
> PPI
>
> ----- Original Message -----
> From: Emmitt, Beth (GOV) [mailto:emmittb@michigan.gov]
> Sent: Thursday, September 24, 2015 09:26 PM
> To: Dickinson, Jordan
> Cc: Rospond, Laurie (GOV) <rospondl@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Re: Request for Phone Call with Congressman Kildee
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> Beth

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Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: PPI
www.dankildee.house.gov<http://www.dankildee.house.gov/>
[http://demcom/sites/default/files/Facebook_logo_32.gif]<http://www.facebook.com/repdankildee><image002.gif><http://www.twitter.com/repdankildee>
<image003.jpg><http://www.youtube.com/repdankildee>
<image004.png><http://www.flickr.com/photos/repdankildee>

Sign up for Congressman Dan Kildee's e-newsletter<http://dankildee.house.gov/newsletter-subscription/>

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 29, 2015 11:37 AM
To: Clayton, Stacie (GOV)
Cc: Hollins, Harvey (GOV); Etue, Kriste (MSP); Sands, Thomas (MSP); Wisniewski, Wendy (GOV); Klotz, Josephine (MSP)
Subject: Re: HH/DM/KE Re: Flint Water

We have a 1:00 with Gov today on Flint. At that time the question is going to be whether we have some disaster or emergency protocol that we can institute to help the city through this water crisis. Any thoughts?

> On Sep 29, 2015, at 11:22 AM, Clayton, Stacie (GOV) <claytons3@michigan.gov> wrote:
>
> Call In: PPI
> Access:
> Harvey will host
>
>
> <meeting.ics>

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 29, 2015 11:38 AM
To: GovCalendar
Cc: Mcbride, Bill (GOV); Wisniewski, Wendy (GOV); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Etue, Kriste (MSP); Klotz, Josephine (MSP); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Saxton, Thomas (Treasury)
Subject: Re: RDS/DM/BM/NL/DW/Maggie Pallone/Karen Tommasulo/Col. Etue/HH - Meeting Re: Flint Water

Please add Tom Saxton to this.

> On Sep 29, 2015, at 11:36 AM, GovCalendar <GovCalendar@michigan.gov> wrote:
>
> PPI
>
> HH by Phone
>
> PPI
>
> Host: PPI RH to dial in as host
>
> <meeting.ics>

From: Klotz, Josephine (MSP)
Sent: Tuesday, September 29, 2015 11:42 AM
To: Muchmore, Dennis (GOV); GovCalendar
Cc: Mcbride, Bill (GOV); Wisniewski, Wendy (GOV); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Etue, Kriste (MSP); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Saxton, Thomas (Treasury)
Subject: RE: RDS/DM/BM/NL/DW/Maggie Pallone/Karen Tommasulo/Col. Etue/HH - Meeting Re: Flint Water

Could we add Lt. Colonel Sands? Colonel Etue would like him to attend also.

Please and thanks?

Josephine E. Klotz
Senior Executive Management Assistant
to Col. Kriste Kibbey Etue, Director
Michigan State Police
333 S. Grand Avenue
P.O. Box 30634
Lansing, MI 48909-0634
Telephone: (517) 241-0401

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 29, 2015 11:38 AM
To: GovCalendar
Cc: Mcbride, Bill (GOV); Wisniewski, Wendy (GOV); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Etue, Kriste (MSP); Klotz, Josephine (MSP); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Saxton, Thomas (Treasury)
Subject: Re: RDS/DM/BM/NL/DW/Maggie Pallone/Karen Tommasulo/Col. Etue/HH - Meeting Re: Flint Water

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>
> PPI
>
> HH by Phone
>
> PPI
>
> Host: PPI RH to dial in as host
>
> <meeting.ics>

From: Muchmore, Dennis (GOV)
Sent: Wednesday, September 30, 2015 1:54 PM
To: Posthumus, Dick (GOV)
Cc: Wisniewski, Wendy (GOV)
Subject: Re: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

So, what do they want? Who should we bring?

> On Sep 30, 2015, at 10:58 AM, Posthumus, Dick (GOV) <Posthumusd@michigan.gov> wrote:
>
> Attending:
> Sen Ananich (he may arrive late or leave early – they are working on
> his schedule) Andy Leavitt Dan Oberlan – Policy Dave Etenger – Policy
>
> CON: Shawn – PPI
>
> <meeting.ics>

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 01, 2015 12:37 PM
To: Wisniewski, Wendy (GOV)
Subject: FW: Flint and Detroit

Can you set up and include Rich Baird>

From: Dayne Walling [mailto:dwalling@cityofflint.com]
Sent: Thursday, October 1, 2015 10:47 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Flint and Detroit

COS, thanks for your team's engagement with the Flint water problems. I have been in frequent contact with DEQ Director Wyant. I do want to speak with you directly today about the Detroit water option. Please call me on my cell PPI and if easier the office number is below and our offices can secure a time.
Thanks, Dayne
--
Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Mcbride, Bill (GOV)
Sent: Friday, October 02, 2015 10:50 AM
To: Muchmore, Dennis (GOV)
Cc: Wisniewski, Wendy (GOV)
Subject: FW: Flint letters to Kildee, Peters, Stabenow
Attachments: 10.2.15 Kildee.pdf; 10.2.15 Peters.pdf; 10.2.15 Stabenow.pdf

The attached letter was sent to Congressman Kildee this morning.
Slightly different version sent to Senators Peters and Stabenow.

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

Dear Congressman Kildee:

As part of our ongoing dialogue related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
7. Expediting completion of Karegnondi Water Authority.
8. Appointing Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Providing water filters to residents of Flint.
10. Expanding a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Gary Peters
U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

Dear Senator Peters:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
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4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
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3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued efforts to ensure that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Dear Senator Stabenow:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

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5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
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Sincerely,

Rick Snyder
Governor

From: Wurfel, Sara (GOV)
Sent: Monday, October 05, 2015 3:42 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Priest, Chris (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV); Kennedy, Jordan (GOV); Wisniewski, Wendy (GOV); Clayton, Stacie (GOV)
Subject: FW: Release on Flint
Attachments: Flint Filters Press Release 10515.pdf

Importance: High

Talked at length with Geralyn about this just now. Think is a good thing, and shows immediate follow up from action steps announced Friday. Added bonus is that it should be pretty easy for Flint clients and residents and have a "no wrong door" approach too just in case. Please see attached and below.

This is slated for distribution at 4 p.m. Need to hear if any concerns from anyone ASAP.

Otherwise, it's a go.

Thanks much,
SW

From: Lasher, Geralyn (DHHS)
Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Subject: Release on Flint
Importance: High

Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.

At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.

Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 5, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

Water filters available for MDHHS clients in Flint beginning Tuesday

LANSING, Mich. – Free water filters will be available to current Michigan Department of Health and Human Services clients and Flint residents at four locations beginning Tuesday, October 6, at 9 a.m. through a partnership between the MDHHS and the Genesee County Community Action Resource Department. Free National Sanitation Foundation certified water filters are being provided to Flint residents as part of the administration's comprehensive approach to addressing water concerns in the area.

Current MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location to obtain a free, certified home water filter. Residents who are not currently enrolled in MDHHS assistance programs should visit the Genesee County Community Action Resource Department offices located at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

"Ensuring that families in the Flint area have access to resources that will help reduce the potential for lead exposure is our top priority," said Nick Lyon, director of the MDHHS. "I want to thank our partners who have mobilized to make water filters available – a point that highlights the importance of continued collaboration at the local, state and federal level as we move forward."

MDHHS clients in the city of Flint who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients should bring valid identification and a copy of their water bill to their local MDHHS office to receive their filter free of charge. Flint residents who are not active MDHHS clients should bring identification and their water bill to the GCCARD location.

Although blood lead levels throughout the city of Flint have remained steady, last week, MDHHS data was found to be consistent with a recent Hurley Children's Hospital study indicating increased blood lead levels in children residing in two Flint ZIP codes after a 2014 change in water source. While lead paint remains the number one cause of lead poisoning in Michigan, the recent data prompted MDHHS to take action to reduce potential lead exposures through water sources.

MDHHS is urging parents in Flint and throughout the state to do their part in preventing elevated blood lead levels in children. For more information about steps you can take now, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and available resources, visit www.michigang.gov/flintwater.

# # #

From: Muchmore, Dennis (GOV)
Sent: Monday, October 05, 2015 3:59 PM
To: Wurfel, Sara (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Priest, Chris (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV); Kennedy, Jordan (GOV); Wisniewski, Wendy (GOV); Clayton, Stacie (GOV)
Subject: RE: Release on Flint

What if they are shut ins or can't get there? Where's the relief coming from? Is the Flint Transit Authority willing to extend complimentary transportation? Who is going to explain to the recipients how the filter fits on their faucet?

I know from experience that my wife never grew up building things out of Erector Sets, and she's terrible at reading "part a attaches to part b with two bolts enclosed in the third packet. Don't use the ones marked only for Delta faucets" oh, you get the point.

Just a suggestion from a syntax point of view, the construction of the first sentence appears to allow anyone who is a DHHS client and anyone who is a Flint resident to receive a water filter. It isn't clear that it applies to a person who is a Flint resident who receives public assistance and not to other Flint residents. Secondly, don't forget that other Flint residents also should be entitled to a water filter and although the press release is about DHHS clients, we don't want to create additional confusion. A throw-away line about the other residents might be wise.

From: Wurfel, Sara (GOV)
Sent: Monday, October 5, 2015 3:42 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <Kennedyj4@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Clayton, Stacie (GOV) <claytons3@michigan.gov>
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Importance: High

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Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>

Cc: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Subject: Release on Flint
Importance: High

Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.

At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.

Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:41 AM
To: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: FW: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Importance: High

FYI team –

There were some rumors going around today (with an apparent FB recording of a Brita rep) and being reported by media that the filters may not be properly certified to handle lead. DHHS' toxicology lab has again confirmed that the filters being provided ARE NSF certified for lead reduction.

They are working on a statement to share for our review and then to share immediately afterward before this gets any further out of control.

Dave – please note in particular since you're with the Governor. Hopefully will be well cleared up by that time, but just in case.

From: Hertel, Elizabeth (DHHS)
Sent: Wednesday, October 07, 2015 9:16 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Fwd: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Sent from my iPhone

Begin forwarded message:

> **From:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Date:** October 7, 2015 at 9:07:54 AM EDT
> **To:** "Quiggle, Lisa (DHHS)" <QuiggleL@michigan.gov>
> **Cc:** "Dykema, Linda D. (DHHS)" <DykemaL@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>
> **Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> Sent from my iPhone
>
> On Oct 7, 2015, at 9:02 AM, Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov> wrote:

It is certified

NSF/ANSI 53
Drinking Water Treatment Units - Health Effects

The Brita Products Company

1221 Broadway
Oakland, CA 94612
United States
800-24-BRITA

Facility : # 1 Brampton, Ontario, Canada

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
Faucet Mount				
Brita Faucet Filtration System SAFF-100	FR-200	100(1)	.58	2,4-D Reduction Asbestos Reduction Alachlor Reduction Atrazine Reduction Benzene Reduction Carbofuran Reduction Carbon Tetrachloride Reduction Chlordane Reduction Chlorobenzene Reduction Endrin Reduction Ethylbenzene Reduction Lead Reduction Lindane Reduction Methoxychlor Reduction O-Dichlorobenzene Reduction Simazine Reduction Styrene Reduction Tetrachloroethylene Reduction Toluene Reduction Toxaphene Reduction Trichloroethylene Reduction Trihalomethanes (TTHM) Reductio Turbidity Reduction VOC Reduction

From: Wells, Eden (DHHS)
Sent: Wednesday, October 07, 2015 8:59 AM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

STAT: need to be sure his model NSF certified

Sent from my iPhone

Begin forwarded message:

> **From:** "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Date:** October 7, 2015 at 8:57:15 AM EDT
> **To:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Subject: Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php
>
> Sent from my iPad

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 12:26 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Are we using the filter recommended by Susan at EPA?

Best,
Harvey

On Oct 7, 2015, at 10:41 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> FYI team –
>
> There were some rumors going around today (with an apparent FB recording of a Brita rep) and being reported by media that the filters may not be properly certified to handle lead. DHHS' toxicology lab has again confirmed that the filters being provided ARE NSF certified for lead reduction.
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Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Sent from my iPhone

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The Brita Products Company

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Facility : # 1 Brampton, Ontario, Canada

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
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O-Dichlorobenzene Reduc
Simazine Reduction
Styrene Reduction
Tetrachloroethylene Redu
Toluene Reduction
Toxaphene Reduction
Trichloroethylene Reduct
Trihalomethanes (TTHM)
Turbidity Reduction
VOC Reduction

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>
> http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php
>
> Sent from my iPad

From: Clayton, Stacie (GOV)
Sent: Friday, October 09, 2015 1:39 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV)
Cc: Hollins, Harvey (GOV); Wisniewski, Wendy (GOV)
Subject: OUI Weekly Update 10.9.15

West Michigan Update 10/9/2015

Anne's hearing grumblings from business and residents about the Flint water situation. There is a mistrust of the reporting of the issue – comments including: it's been blown out of proportion; how do we know what's really going on; why do 'we' have to pay for Flint's mistakes……

Not Responsive

Not Responsive

Not Responsive

From: Agen, Jarrod (GOV)
Sent: Monday, October 12, 2015 2:05 PM
To: Wisniewski, Wendy (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: Flint next steps meeting

Wendy,

Can we arrange a meeting in next couple days to discuss next steps with Flint and the after action report for water testing.

Need to have Dennis, Beth, and me (or two of the three).

Rich
Dan Wyant
Nick Lyon
Harvey
Walsh
Wurfel/Murray
Redford
Dick

Thanks
Jarrod

From: Wurfel, Sara (GOV)
Sent: Monday, October 12, 2015 2:25 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Lange, Michelle (GOV)
Cc: Wisniewski, Wendy (GOV); Thomet, Ruth (GOV); Rospond, Laurie (GOV)
Subject: RE: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint

And looping in leg team here too … hit send too fast earlier.

From: Wurfel, Sara (GOV)
Sent: Monday, October 12, 2015 2:24 PM
To: Dennis Muchmore <muchmored@michigan.gov>; Beth Clement <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Wendy Wisniewski <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>
Subject: FW: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint
Importance: High

Please see below. Making sure I understand full back story on this, but FYI.

Let me know if anyone has additional background or insight, otherwise tracking down with DEQ.

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Monday, October 12, 2015 1:39 PM
To: Bitely, Andrea (AG) <BitelyA@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint

Hi,
I wanted to see if the state had any comment in response to this lawsuit.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

---

From: Rosemary Jones [mailto:RJones@house.mi.gov]
Sent: Monday, October 12, 2015 1:33 PM
To: Rosemary Jones
Subject: Rep. Phelps Files Suit Against State of Michigan, City of Flint

FOR IMMEDIATE RELEASE
Monday, Oct. 12, 2015

Contact: Rep. Phil Phelps
Phone: (517) 373-7515

Rep. Phelps Files Suit Against State of Michigan, City of Flint

State, city failed to release documents sought in FOIA request

LANSING — State Representative **Phil Phelps** (D-Flushing) announced earlier today that he is filing suit against the state of Michigan and the city of Flint to force them to release public documents he requested last month under the Freedom of Information Act (FOIA).

"It's an absolute shame that I have to file suit to force our government to comply with the law," Phelps said. "I was shocked at their response, because prior to receiving the denials, officials from both the city and state had told me that not only did documents exist, but they would be happy to share them with me."

On Sept. 4 of this year, Phelps requested that the city and state turn over all documents and emails regarding the permit and application process that Flint's emergency manager was required to complete before the Michigan Department of Environmental Quality gave the go ahead to the city to start using the Flint River as its source of drinking water. Late last month, the state and the city both denied Phelps' request, saying that no such documents exist.

In March and April of 2014, officials from both the city and state were also quoted in several articles on Mlive.com, making comments about the permit application process for Flint to switch its source of drinking water from Detroit's system to the Flint River.

"I want to know what these officials knew about the safety and quality of the river water before the switch was made. Judging by their response and recent actions, it almost seems they knew a lot more than they are letting on to," Phelps said. "Flint residents deserve better than this, they deserve to know the truth about the decisions that were made, and if I have to fight this in court to get the truth, so be it."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 13, 2015 4:49 PM
To: Wurfel, Sara (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Lange, Michelle (GOV)
Cc: Wisniewski, Wendy (GOV); Thomet, Ruth (GOV); Rospond, Laurie (GOV)
Subject: RE: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint

This guy has already been told they don't have the documents requested. Hard to send him something they don't have.

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To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>
Cc: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>; Rospond, Laurie (GOV) <rospondl@michigan.gov>
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Cc: Wendy Wisniewski <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>
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Importance: High

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Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

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Sent: Monday, October 12, 2015 1:33 PM
To: Rosemary Jones
Subject: Rep. Phelps Files Suit Against State of Michigan, City of Flint

FOR IMMEDIATE RELEASE
Monday, Oct. 12, 2015

Contact: Rep. Phil Phelps
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than this, they deserve to know the truth about the decisions that were made, and if I have to fight this in court to get the truth, so be it."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
PPI
housedems.com

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:00 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Baird, Richard (GOV); Calley, Brian (GOV); Forstner, Nathaniel (GOV); Saunders, Kelli (GOV); Redford, James (GOV); Mcbride, Bill (GOV); Hollins, Harvey (GOV); Walsh, John (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Scott, Allison (GOV); Wisniewski, Wendy (GOV); Hall, Jean (GOV)
Subject: Please review: Flint Water Task Force release

Team,

Here's the release announcing the Flint Water Task Force. Members met this morning and had considerable input in this. Our plan is to issue the release around 2:30 p.m. Please let me know if you have suggested changes.

Thank you!

Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Hall, Jean (GOV)
Sent: Tuesday, November 03, 2015 4:44 PM
To: Muchmore, Dennis (GOV); Mcbride, Bill (GOV); Agen, Jarrod (GOV); Walsh, John (GOV)
Cc: Scott, Allison (GOV); Clement, Elizabeth (GOV); Khouri, Claire (GOV); Wurfel, Sara (GOV); Brown, Eric (GOV); Blackwell, Rob (GOV); Arwood, Cheri (GOV); Hansen, Rachel (GOV); Taylor, Nicole (GOV); Brownfield, Michael (GOV); Redford, James (GOV); Wisniewski, Wendy (GOV); Thomet, Ruth (GOV); Stoken, Laura (GOV); Kennedy, Jordan (GOV); Lukasik, Liz (GOV); Weber, Travis (GOV); Ayers, Angela (GOV)
Subject: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC - NEEDED BY Tues. 11.10.15
Attachments: 11.2.15 DEQ USEPA Flint Water Task Force.doc; Information Transmittal USEPA Task Force 11-3-15.pdf

Importance: High

Hello All,

DEQ is seeking the Governor's signature on the attached letter to Dr. Susan Hedman, Regional Administrator, USEPA, Region 5. The letter designates Jim Sygo, Chief Deputy Director, MDEQ as the DEQ point person for the USEPA – Region 5 Flint Safe Drinking Water Task Force.

For your reference, DEQ provided the attached Transmittal Form , along with a copy of the October 21 Flint Drinking Water Action Plan Update which includes a summary about the conference call with USEPA and MDEQ where the USEPA requested this letter. The attachment also includes the USEPA's October 16 press release about the establishment of the Task Force (see yellow highlighted text in both attachments)

Your approval, input, and/or changes are needed by EOB by **Tues. 11.10.15.**

If you have any questions or need additional background information, please let me know.

Thank you.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hallj16@michigan.gov
517-241-5493

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

November 2, 2015

Dr. Susan Hedman, Regional Administrator
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard (R-19J)
Chicago, Illinois 60604-3507

Dear Dr. Hedman:

This letter is in follow up to a conference call on October 20, 2015 between the United States Environmental Protection Agency (USEPA), Region 5, and the Michigan Department of Environmental Quality (MDEQ). The purpose of that call was to discuss Region 5's Flint Safe Drinking Water Task Force (Task Force) that was established to provide the USEPA's technical expertise to the MDEQ and the city of Flint, Michigan.

During that call, it was requested that the State of Michigan provide the USEPA with an MDEQ point of contact for the Task Force. This letter is to inform you of the designation of Mr. Jim Sygo, Chief Deputy Director, MDEQ, as that point of contact. Mr. Sygo's contact information is below:

Michigan Department of Environmental Quality
P.O. Box 30473
Lansing, MI 48909-7973
sygoj@michigan.gov
517-284-6709

Thank you for your assistance in this matter as we work together to ensure a safe and reliable drinking water supply for the city of Flint.

Sincerely,

Rick Snyder
Governor

cc: Mr. Robert Kaplan, Deputy Regional Administrator, USEPA, Region 5
Mr. Dan Wyant, Director, MDEQ
Mr. Jim Sygo, Chief Deputy Director, MDEQ

DEQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
EXECUTIVE DIVISION

INFORMATION TRANSMITTAL AND REQUEST FOR GOVERNOR'S ACTION

TO: Governor Rick Snyder via Jean Hall

FROM: Dan Wyant, Director

DATE: November 3, 2015

SUBJECT: Task Force Point of Contact Designation Letter to Susan Hedman, Regional Administrator, United States Environmental Protection Agency, Region 5

Action Taken by DEQ (action requested of Governor's Office in parentheses)
☒ Letter (for Governor's signature – draft attached)
☐ Printed Material (for Governor's signature – attached)
☐ Proclamation Request (for Governor's signature – draft attached)
☐ Telephone Call (for Governor's information – explanation given under "Situation Description")
☐ Other:

Governor's Action Requested By: November 16, 2015

Situation Description: During an October 20 conference call between the USEPA and DEQ regarding USEPA's establishment of the Flint Safe Drinking Water Task Force, the USEPA requested that Governor Snyder designate a DEQ point of contact for the Task Force. Attached are a draft letter to be signed by Governor Snyder, the October 21 Flint Drinking Water Action Plan Update regarding the conference call, and USEPA's October 16 press release regarding the establishment of the Task Force. Please contact Karen Shaler, Executive Division, DEQ, at shalerk@michigan.gov when the letter is ready to be picked up. Thank you.

Contact Person's Name: Jim Sygo, Chief Deputy Director
DEQ Division/Office: Executive Division
Telephone: 517-284-6709
E-Mail Address: sygoj@michigan.gov

Governor's Response (for Governor's Office use only):

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Action Step #1 has been incorporated into the After Action Plan (Action Step #4).

- It was determined that the information in Action Step #10 would be communicated better in person and has, therefore, been incorporated into Action Step #13.

- DEQ staff has tentatively identify the week of October 26 to meet with representatives from the remaining 10 locations in the Flint Community Schools who were not present at the October 16 meeting at the Superintendent's office.

- DEQ staff has contacted DHHS to request a meeting regarding lead education materials for schools.

- The first plumbing assessment has been scheduled for Friday, October 23. The subsequent sampling of the first facility has been scheduled for Saturday, October 24. This decision was made jointly among DEQ, DLARA, and DHHS in an effort to ensure that sampling staff could properly evaluate the sampling protocol without the added pressure of completing the sampling process before students arrived on-site.

- The DEQ Laboratory has created a fillable PDF form for use in the school sampling protocol. This form was created to streamline the information gathering process. The form was submitted for review by staff in DEQ, DHHS, and DLARA, and comments were subsequently incorporated. The form is now complete and ready for use.

- The corrosion control treatment plan (CCTP) and permit application were received late last Friday, October 16, and were reviewed. Our review comments were provided to Flint's consultant [Lockwood, Andrews & Newnam, Inc. (LAN)]. The CCTP was forwarded to EPA on October 16, and their comments were received on October 19. A conference call was held on October 20 between our staff and Darren Lytle and Michael Schock of EPA to discuss the main comments (EPA's and DEQ's) to confirm that both agencies concur with the design and proposed corrosion control dosages. We are currently preparing a revised set of comments, based on our discussion with EPA. The revised comments will be sent to EPA to confirm concurrence before sending to LAN.

- An Act 399 permit will be issued to the city of Flint to install corrosion control treatment following receipt of revised plans, specs, and – as needed – a permit application that addresses the revised review comments.

- DEQ staff has contacted DHHS to schedule a meeting to discuss the development of childcare facility guidance. This guidance will be similar in nature to what is being done in schools but will be tailored to address the specific

concerns with younger children and the smaller plumbing infrastructure of typical childcare facilities.

Additional Actions:

- Standing meetings with the city of Flint have been scheduled for Fridays at 10:00 a.m. These meetings have been scheduled through December 18. In addition, a tour of the Flint Water Treatment Plant has been scheduled for October 23. The DEQ be taking video footage of the tour, showing the coordinated efforts being taken by the city of Flint, DEQ, DHHS, and DLARA. Genesee County Health Department (GCHD) has been invited to the Friday meetings as well as the tour, and GCHD is in the process of determining if they can participate.

- A meeting was held between staff from the DEQ, DLARA, and DHHS to discuss details regarding the flow and coordination of efforts for the school sampling protocol. It was mutually agreed that it was best to only do one school at first so that we can ensure that the process runs smoothly from partner to partner. The first plumbing evaluation will be done at Freeman Elementary School on Friday, October 23. Steve Busch of the DEQ will accompany staff from DLARA to answer questions they might have during their plumbing evaluations. The subsequent water sampling effort will take place the next day, on Saturday, October 24. It was agreed that taking the samples on Saturday would allow staff to be able to evaluate the sampling process without the added pressure of ensuring that the sampling was complete before students arrived at the building.

- DEQ Director Dan Wyant, Jim Sygo, George Krisztian, and Karen Tommasulo held a conference call with Dr. Susan Hedman, EPA's Regional Administrator, and other representatives from EPA to discuss the EPA's formation of the Flint Safe Drinking Water Task Force. The purpose of the Task Force is to provide one-stop shopping for technical assistance for the optimization of corrosion controls for the switch from Detroit Water and Sewerage Department to the Karegnondi Water Authority. EPA requested a point of contact for the DEQ, and Director Wyant suggested Chief Deputy Director Jim Sygo. EPA agreed that this was an appropriate choice and requested a formal letter indicating Chief Deputy Director Sygo as the point of contact.

- DHHS has indicated that the total water filter/pitcher distribution for the period of October 6 through October 20 was 9,373 units.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
October 21, 2015

Shaler, Karen (DEQ)

From: Thelen, Mary Beth (DEQ)
Sent: Friday, October 16, 2015 5:40 PM
To: Krisztian, George (DEQ); Sygo, Jim (DEQ); Shekter Smith, Liane (DEQ)
Cc: Shaler, Karen (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: FW: EPA Establishes Safe Drinking Water Task Force to Provide Expertise to MDEQ and City of Flint

FYI.

From: Josh Singer [mailto:noreply-subscriptions@epa.gov]
Sent: Friday, October 16, 2015 12:18 PM
To: Olszewski, Rosemarie (DEQ)
Subject: EPA Establishes Safe Drinking Water Task Force to Provide Expertise to MDEQ and City of Flint

Contact Information: Anne Rowan, rowan.anne@epa.gov 312-353-9391

For Immediate Release No. 15-OPA160

EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint

Task Force providing technical assistance on reconnecting the Flint drinking water system to a new source

CHICAGO (October 16, 2015) - Today U.S. Environmental Protection Agency Region 5 Administrator Susan Hedman established the Flint Safe Drinking Water Task Force to provide the Agency's technical expertise through regular conversations with designated officials from Michigan Department of Environmental Quality (MDEQ) and the City of Flint. The Task Force will be led by the Region 5 Deputy Regional Administrator and will assist with developing and implementing a plan to secure water quality, including measures to optimize corrosion control. Task Force members will be available to consult with MDEQ and the City of Flint on site in Flint. The Task Force will also coordinate as necessary with federal, state and local public health agencies to assist with protection of public health.

Specifically, the Task Force will provide technical assistance to the MDEQ and the City of Flint to reconnect the Flint system to a new source of drinking water (to be supplied by the Great Lakes Water Authority) and to optimize corrosion control for the Flint system, starting in October 2015. The Task Force will also provide technical assistance to the MDEQ and the City of Flint, as needed, in advance of and following connection of the Flint water system to a new source of drinking water (to be supplied by the Karegnondi Water Authority) and to optimize corrosion control for the Flint system, starting in 2016.

"EPA is committed to working with our state and local partners to ensure a safe and reliable drinking water supply for the residents of Flint, Michigan," Hedman said. "The formation of this task force continues our commitment to providing technical assistance to the City of Flint and the State of Michigan."

The Task Force will be comprised of scientists and technical experts from the EPA Region 5 office in Chicago, the National Risk Management Research Lab in Cincinnati and the EPA drinking water program. In addition, EPA will ask the Governor to designate a MDEQ official and the Mayor of Flint to designate a city official, to serve as points of contact for the Task Force.

From: Agen, Jarrod (GOV)
Sent: Thursday, November 05, 2015 8:35 AM
To: Wisniewski, Wendy (GOV)
Subject: RE: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC - NEEDED BY Tues. 11.10.15

Approved

From: Wisniewski, Wendy (GOV)
Sent: Wednesday, November 04, 2015 10:13 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: FW: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC - NEEDED BY Tues. 11.10.15
Importance: High

Dennis signed off on this but I didn't know if you wanted to sign off too.

From: Hall, Jean (GOV)
Sent: Tuesday, November 03, 2015 4:44 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Khouri, Claire (GOV) <KhouriC@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; Blackwell, Rob (GOV) <Blackwellr2@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>; Hansen, Rachel (GOV) <hansenr3@michigan.gov>; Taylor, Nicole (GOV) <TaylorN7@michigan.gov>; Brownfield, Michael (GOV) <BrownfieldM2@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>; Stoken, Laura (GOV) <StokenL@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Lukasik, Liz (GOV) <LukasikL@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Ayers, Angela (GOV) <AyersA@michigan.gov>
Subject: DEQ Seeks Gov. Signature- Letter to EPA - Flint Safe Drinking Water POC - NEEDED BY Tues. 11.10.15
Importance: High

Hello All,

DEQ is seeking the Governor's signature on the attached letter to Dr. Susan Hedman, Regional Administrator, USEPA, Region 5. The letter designates Jim Sygo, Chief Deputy Director, MDEQ as the DEQ point person for the USEPA – Region 5 Flint Safe Drinking Water Task Force.

For your reference, DEQ provided the attached Transmittal Form , along with a copy of the October 21 Flint Drinking Water Action Plan Update which includes a summary about the conference call with USEPA and MDEQ where the USEPA requested this letter. The attachment also includes the USEPA's October 16 press release about the establishment of the Task Force (see yellow highlighted text in both attachments)

Your approval, input, and/or changes are needed by EOB by **Tues. 11.10.15.**

If you have any questions or need additional background information, please let me know.

Thank you.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hall116@michigan.gov
517-241-5493

From: Agen, Jarrod (GOV)
Sent: Friday, November 06, 2015 11:19 AM
To: Wisniewski, Wendy (GOV)
Subject: Re: Senior Staff Agenda

Remove Flint.
Add Not Responsive
Thank you!

On Nov 6, 2015, at 11:14 AM, Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov> wrote:

> Here are the items that Beth thought were good for Monday's agenda. The only thing she wasn't sure about was whether Flint needed to be on it this week. Can you let me know if you are good with these items or if you have changes? Thanks.
>
> Not Responsive
>
> 5) Flint After Action (Baird/Hollins)
>
> Not Responsive

From: Wisniewski, Wendy (GOV)
Sent: Thursday, November 05, 2015 10:38 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Senior Staff Agenda

Here are the items that were on this week's agenda. Can you make changes and email back to me the items that should be included for Monday's meeting? Thank you.

Not Responsive

5) Flint After Action (Baird/Hollins)

Not Responsive

Wendy Wisniewski
Executive Assistant to Dennis Muchmore
and Beth Clement
Executive Office of Governor Rick Snyder
George W. Romney Building, 2nd Floor
111 South Capitol Avenue

P.O. Box 30013
Lansing, MI 48909
(517) 241-5601
WisniewskiW@michigan.gov

From: Reynolds, Lawrence <LawrenceR@mottchc.org>
Sent: Monday, November 09, 2015 9:11 AM
To: Eric Rothstein; Agen, Jarrod (GOV); Wisniewski, Wendy (GOV); Matthew M. Davis; Murray, David (GOV); Wyant, Dan (DEQ); Anderson, Madhu (DEQ); Chris Kolb; Ken Sikkema; Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ); Copen, Leigh (DEQ); Grijalva, Nancy (DHHS); Baird, Richard (GOV); VanSickle, Michele (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Higgins, Deborah
Subject: RE: Governor's Flint Water Advisory Task Force - Logistics Update

Thank you, Eric.

From: Eric Rothstein [mailto:erothste@grg-ltd.com]
Sent: Saturday, November 07, 2015 7:26 AM
To: Jarrod Agen; Wendy Wisniewski; Matthew M. Davis; Dave Murray; Dan Wyant; Madhu R. Anderson; Chris Kolb; Ken Sikkema; Jordan Kennedy; Mary Beth Thelen; Leigh Copen; Nancy Grijalva; Rich Baird; Michele, VanSickle; Beth Clement; Dennis Muchmore; Harvey Hollins; Reynolds, Lawrence; Higgins, Deborah
Subject: Governor's Flint Water Advisory Task Force - Logistics Update

Ladies and Gentlemen,

This is to provide a brief update on some of the arrangements that we are making to conduct the work of the Governor's Flint Water Advisory Task Force (FWATF):

- To simplify communications among task force members, the Task Force has decided to close the Basecamp project that was initially set up for the entirety of the roster provided earlier. The Basecamp project for the FWATF will be maintained for task force members. Accordingly, to archive documents for the FWATF's review and consideration, please e-mail to me (erothste@grg-ltd.com) or any one of the FWATF members and we will arrange for posting to Basecamp. If you have large documents or a large number of documents, please contact me and we can arrange for posting to Dropbox.
    - (This is why the project has not been accessible in the event that you have tried to load documents)
- I thought it might be helpful for the FWATF to develop a brief status report on our activities — interviews and meetings conducted and scheduled, documents collected, etc. - perhaps on a bi-weekly or even weekly basis. So, unless there is objection or concerns, I will try to craft a reporting template for discussion by the FWATF at our next regularly scheduled meeting. If you have suggestions for this reporting, please send along.
- We have put on our respective calendars a weekly meeting, generously hosted at PSC offices, on Wednesday mornings. We are also attempting to schedule a "listening session" in Flint in the next few weeks as well as briefing sessions with MDEQ and MHHS.

My apologies for any confusion regarding the Basecamp set-up. Please let me know if you have any questions or concerns.

- Eric

Eric P. Rothstein, CPA
GLWA Implementation Planning Program Manager
Galardi Rothstein Group - Principal
3300 N. Lake Shore Drive, Unit 6C
Chicago, IL 60657

iPhone: PPI
E-Mail: erothste@grg-ltd.com

Web: www.qrg-ltd.com

From: Wurfel, Sara (GOV)
Sent: Monday, November 09, 2015 3:47 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)
Subject: FW: Flint water school testing results - TODAY
Attachments: School results PR.docx

Importance: High

Please see below and attached release per brief convo at senior staff. Sill no exact word on timing of blood lead level data from DHHS – hopefully by late this week.

DEQ also has video that they'll be using for some footage of the testing with TV stations. Link here: https://youtu.be/Amy4cDW7RtA

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results
At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Brown, Jessica (GOV)
Sent: Monday, November 09, 2015 2:44 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: FW: Flint water school testing results - 3 PM

Saw Dave was on this but since he's on the road, thought you should definitely see as well. DEQ is planning to issue at 3 p.m.

This is the first I've seen a draft but Dave may have been looped in on the back end. Looks ok and pretty thorough to me. If you need help trying to track any background info down let me know. Happy to reach out.

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Wells, Eden (DHHS) <WellsE3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Subject: School testing results

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 **PPI**
tommasulok@michigan.gov

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, PPI krisztiang@michigan.gov

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Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

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Message

From: Wisniewski, Wendy (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=SIEGELW]

Sent: 11/19/2015 4:09:08 PM

To: Agen, Jarrod (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Agen Jarrod9ea]; Baird, Richard (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Bairdr]; Bedan, Morgan (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Bedan Morgan683]; Calley, Brian (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/PPI; Clayton, Stacie (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Claytons3]; Clement, Elizabeth (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Clemente]; Emmitt, Beth (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Emmittb]; Forstner, Nathaniel (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Forstnern1]; Snyder, Rick (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/PPI Hall, Jean (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Hallj16]; Hollins, Harvey (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Hollinsh]; Mcbride, Bill (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Mcbrideb]; Minix, Connie (DTMB) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=4381dca892a148b392bff726ca14504c]; Muchmore, Dennis (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Muchmored]; Posthumus, Dick (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Posthumusd]; Quebbeman, Marsha (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Quebbemanm]; Redford, James (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Redford James021]; Roberts, John (DTMB) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Roberts John14b]; Rospond, Laurie (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Rospondl]; Saunders, Kelli (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Saundersk1]; Scott, Allison (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Scotta12]; Thomet, Ruth (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Thomet Ruth534]; Walsh, John (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Walsh John91e]; Wisniewski, Wendy (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Siegelw]; Wurfel, Sara (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Wurfels]

Subject: Senior Staff

Attachments: Agenda Senior Staff Meeting (2).docx

Attached is the agenda for Monday's meeting.

Wendy Wisniewski

Executive Assistant to Dennis Muchmore

and Beth Clement

Executive Office of Governor Rick Snyder

George W. Romney Building, 2nd Floor

111 South Capitol Avenue

P.O. Box 30013

Lansing, MI 48909

(517) 241-5601

WisniewskiW@michigan.gov

AGENDA
SENIOR STAFF MEETING

Monday, November 23, 2015

Call-in Information:
Phone number – PPI
Access Code –
Host Code - PPI

Not Responsive

4) Flint (Hollins/Baird)

Not Responsive

From: Murray, David (GOV)
Sent: Friday, December 11, 2015 2:58 PM
To: Snyder, Rick (GOV); Calley, Brian (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Posthumus, Dick (GOV); Redford, James (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Mcbride, Bill (GOV); Holland, Meegan (GOV); Forstner, Nathaniel (GOV); Brownfield, Michael (GOV); Walsh, John (GOV)
Cc: Scott, Allison (GOV); Wisniewski, Wendy (GOV)
Subject: New release on blood lead level testing in Flint.

Good afternoon Governor and team,

Just wanted to give you a heads up about a release DHHS is issuing today with updated blood lead level testing. About 500 more people have been tested since the last release, and eight more people had elevated levels.

The format and information is similar to the previous release. DHHS plans to issue such updates every three weeks for the time being to show transparency, remind people that testing is available if they are concerned, and that free filters and replacement cartridges are available.

I've pasted the release below.

Have a nice weekend,

Dave

December 11, 2015

MDHHS releases latest round of Flint blood lead level data

LANSING, Mich. – The Michigan Department of Health and Human Services today issued its newest summary report on lead testing in Flint. According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

"As testing continues, our focus remains on helping families reduce all potential exposures to lead," said Dr. Eden Wells, MDHHS chief medical executive. "We are working closely with the Genesee County Health Department to provide information and offer tools in the community, and encourage families to explore the resources that are available to them."

Both capillary and venous blood tests are included in the report, and people who have had multiple tests are counted only once. Tests and their results cover the time since the state action plan was put in place on Oct. 2, and capture the number of elevated blood lead levels greater than 5 micrograms per deciliter.

MDHHS is working closely with local partners to offer resources and distribute important lead testing and prevention information. Additional state funding has allowed for Genesee County Health Department (GCHD) nurses to work with families when an elevated blood lead level is detected. These families can also choose to have the nurse coordinate an environmental health investigation in their home to identify lead exposures, which could be lead from paint, soil, plumbing, and other sources.

To support these efforts, the state is coordinating with its Medicaid health plans and provider communities on enhanced screening and testing. In addition to mandated testing at ages one and two for the Medicaid population, MDHHS has recommended blood lead testing for any child younger than six years of age in Flint who has not previously been tested. The state, in coordination with GCHD, developed and issued a Health Alert Network (HAN) notification for local providers to help ensure consistent messaging and protocols among primary care providers.

Free water filters and replacement cartridges are still available to Flint residents. For a full list of locations and hours of distribution, or to view the full blood lead level report, visit www.michigan.gov/flintwater. The summary will be updated as more data becomes available.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For this and other updates, visit www.michigan.gov/flintwater.

# # #

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

Subject:	RDS/JA/EC/RB - Conference Call Re: Flint
Location:	By Phone
Start:	Tue 12/29/2015 10:30 AM
End:	Tue 12/29/2015 11:00 AM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)

Per JA

Host: PPI JA to dial in as host

From: Wisniewski, Wendy (GOV) on behalf of Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 2:03 PM
To: Executive Office All
Subject: Changes in Administration

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly decided to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Wisniewski, Wendy (GOV) on behalf of Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 2:06 PM
To: Abednego, Jaime (DTMB); Allan, Jon (DEQ); Arbulu, Agustin (MDCR); Arwood, Steve (MEDC); Barnes, Jeff (DMVA); Behen, David (DTMB); Bowen, Scott (MSL); Brader, Valerie (LARA); Brown, Diane (MGCB); Burton, Diane (LARA); Carefoot, Karen (MDE); Clover Adams, Jamie (MDARD); Comai, Stephanie (TIA); Creagh, Keith (DNR); Crockett, Tracy (MSHDA); Deloney, Andrew (LARA); Donnan, Chanda (DTMB); Doyle, Maureen (Treasury); Dungey, Cecilia (TIA); Elsenheimer, Kevin (MSHDA); Etue, Kriste (MSP); Evans, Amiee (MEDC); General Gregory J. Vadnais (gregory.j.vadnais.mil@mail.mil); Grijalva, Nancy (DHHS); Hill, Nancy (DIFS); Isaacs, Carol (AG); Kalm, Rick (MGCB); Khouri, Nick (TREASURY); King, Rebecca (MCSC); Klotz, Josephine (MSP); Lyon, Nick (DHHS); 'Mason, Dace (DMVA)'; McDermott, Cristina (MSL); McPharlin, Pat (DIFS); Minix, Connie (DTMB); Quackenbush, John (LARA); Roberts, John (DTMB); Sanford, Shawn (MDCR); Sebenick, Pam (MDOT); Sederburg, Kari (DHHS); Senyko, Mike (MDOS); Simon, Sandy C. (MDOC); Smith, Brenda (MDARD); Steudle, Kirk (MDOT); Sworden, Julie (DMVA); Teszlewicz, Barbara (AG); Thelen, Mary Beth (DEQ); Tkaczyk, Judy (DNR); Vaughn, Kari (DEQ); Waalkes, Marie (DTMB); Washington, Heidi E. (MDOC); West, Samantha (LARA); Whiston, Brian (MDE); Winters, Jan (MCSC); Zimmer, Mike (LARA)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Holland, Meegan (GOV); Wisniewski, Wendy (GOV)
Subject: Changes in Administration

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly decided to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 3:04 PM
To: Wisniewski, Wendy (GOV)
Subject: Re: Last time's senior staff agenda

Here's my thoughts.
Beth should add or change as she wants...

Not Responsive

2) Flint (Baird)

Not Responsive

On Dec 29, 2015, at 1:23 PM, Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov> wrote:

Not Responsive

4) Flint (Hollins)

Not Responsive

Wendy Wisniewski
Executive Assistant to Dennis Muchmore
Jarrod Agen and Beth Clement
Executive Office of Governor Rick Snyder
George W. Romney Building, 2nd Floor
111 South Capitol Avenue
P.O. Box 30013
Lansing, MI 48909
(517) 241-5601
WisniewskiW@michigan.gov

Subject:	RDS/JA/RB - Meeting Re: Flint
Location:	Governor's Office, Romney
Start:	Wed 1/6/2016 9:00 AM
End:	Wed 1/6/2016 9:30 AM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Wisniewski, Wendy (GOV); Agen, Jarrod (GOV); Manolakoudis, Virginia (GOV); Baird, Richard (GOV)

Per ALS

From: Scott, Allison (GOV)
Sent: Tuesday, October 27, 2015 12:09 PM
To: Wisniewski, Wendy (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV)
Subject: FW: COS items attached
Attachments: COS Items 151027.docx

Here is Governor's list. Fortunately for us, he is across the street meeting with the SML. Will wait for the outcome of that meeting to determine if we will be having CoS as scheduled.

From: Snyder, Rick (GOV)
Sent: Tuesday, October 27, 2015 10:48 AM
To: Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: COS items attached

Please see the attached.

Thanks
Rick

COS Items
October 27, 2015

1. Not Responsive
13. Flint Water
14. Not Responsive

From: Muchmore, Dennis (GOV)
Sent: Wednesday, June 03, 2015 9:40 AM
To: Wisniewski, Wendy (GOV)
Subject: Fwd: Flint Water Situation
Attachments: image004.png; image001.gif; image003.jpg; image002.gif

If we can do this meeting we should try to include Rep. Kildee himself as well as Amy Hovey.

Begin forwarded message:

> **From:** Paul Hillegonds <Paul@mhealthfund.com>
> **Date:** June 3, 2015 at 7:59:43 AM EDT
> **To:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
> **Cc:** Julie Skubik <julie@mhealthfund.com>
> **Subject: Re: Flint Water Situation**
>
> Yes. I'm asking Julie to work with Wendy on setting a meeting time.
>
> Sent from my iPad
>
> On Jun 1, 2015, at 5:29 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:
>
> > Can we meet with you to discuss this?
> >
> > ---
> >
> > **From:** Hovey, Amy [mailto:Amy.Hovey@mail.house.gov]
> > **Sent:** Monday, June 01, 2015 2:39 PM
> > **To:** Muchmore, Dennis (GOV)
> > **Subject:** Flint Water Situation
> >
> > Good afternoon Dennis –
> >
> > It was great talking with you at the Michigan Policy Conference last week. I am writing to follow up. I am hoping that we can schedule a meeting with the Michigan Health Endowment Fund to discuss the possibilities of the getting a grant to help with the water situation in Flint. At least some subsidy dollars for the very poor that are paying water bills three times higher than the average citizen in this state. I can make myself available to meet in Lansing.
> >
> > Thank you for your help with this critical issue. I look forward to hearing from you soon.
> >
> > Enjoy your day!
> > Amy
> >
> > Amy Hovey
> > District Chief of Staff
> > Congressman Dan Kildee (MI-05)

801. S Saginaw St.
Flint, MI 48502
Phone: (810) 238-8627
www.dankildee.house.gov
www.dankildee.house.gov
<image001.gif><image002.gif> <image003.jpg> <image004.png>

http://dankildee.house.gov/newsletter-subscription/

From: Muchmore, Dennis (GOV)
Sent: Wednesday, June 03, 2015 9:41 AM
To: Wisniewski, Wendy (GOV)
Subject: Fwd: Flint Water Situation
Attachments: image004.png; image001.gif; image003.jpg; image002.gif

Hovey's card is in the card pile on the credenza.

Begin forwarded message:

> **From:** Paul Hillegonds <Paul@mhealthfund.com>
> **Date:** June 3, 2015 at 7:59:43 AM EDT
> **To:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
> **Cc:** Julie Skubik <julie@mhealthfund.com>
> **Subject: Re: Flint Water Situation**
>
> Yes. I'm asking Julie to work with Wendy on setting a meeting time.
>
> Sent from my iPad
>
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> > Can we meet with you to discuss this?
> >
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> >
> > **From:** Hovey, Amy [mailto:Amy.Hovey@mail.house.gov]
> > **Sent:** Monday, June 01, 2015 2:39 PM
> > **To:** Muchmore, Dennis (GOV)
> > **Subject:** Flint Water Situation
> >
> > Good afternoon Dennis –
> >
> > It was great talking with you at the Michigan Policy Conference last week. I am writing to follow up. I am hoping that we can schedule a meeting with the Michigan Health Endowment Fund to discuss the possibilities of the getting a grant to help with the water situation in Flint. At least some subsidy dollars for the very poor that are paying water bills three times higher than the average citizen in this state. I can make myself available to meet in Lansing.
> >
> > Thank you for your help with this critical issue. I look forward to hearing from you soon.
> >
> > Enjoy your day!
> > Amy
> >
> > Amy Hovey
> > District Chief of Staff
> > Congressman Dan Kildee (MI-05)

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<image001.gif><image002.gif> <image003.jpg> <image004.png>

http://dankildee.house.gov/newsletter-subscription/

From: Eric Rothstein <erothste@grg-ltd.com>
Sent: Saturday, November 07, 2015 7:26 AM
To: Agen, Jarrod (GOV); Wisniewski, Wendy (GOV); Matthew M. Davis; Murray, David (GOV); Wyant, Dan (DEQ); Anderson, Madhu (DEQ); Chris Kolb; Ken Sikkema; Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ); Copen, Leigh (DEQ); Grijalva, Nancy (DHHS); Baird, Richard (GOV); VanSickle, Michele (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Laurence Reynolds; Deborah Higgins
Subject: Governor's Flint Water Advisory Task Force - Logistics Update

Ladies and Gentlemen,

This is to provide a brief update on some of the arrangements that we are making to conduct the work of the Governor's Flint Water Advisory Task Force (FWATF):

- To simplify communications among task force members, the Task Force has decided to close the Basecamp project that was initially set up for the entirety of the roster provided earlier. The Basecamp project for the FWATF will be maintained for task force members. Accordingly, to archive documents for the FWATF's review and consideration, please e-mail to me (erothste@grg-ltd.com) or any one of the FWATF members and we will arrange for posting to Basecamp. If you have large documents or a large number of documents, please contact me and we can arrange for posting to Dropbox.
    - (This is why the project has not been accessible in the event that you have tried to load documents)
- I thought it might be helpful for the FWATF to develop a brief status report on our activities — interviews and meetings conducted and scheduled, documents collected, etc. - perhaps on a bi-weekly or even weekly basis. So, unless there is objection or concerns, I will try to craft a reporting template for discussion by the FWATF at our next regularly scheduled meeting. If you have suggestions for this reporting, please send along.
- We have put on our respective calendars a weekly meeting, generously hosted at PSC offices, on Wednesday mornings. We are also attempting to schedule a "listening session" in Flint in the next few weeks as well as briefing sessions with MDEQ and MHHS.

My apologies for any confusion regarding the Basecamp set-up. Please let me know if you have any questions or concerns.

- Eric

Eric P. Rothstein, CPA
GLWA Implementation Planning Program Manager
Galardi Rothstein Group - Principal
3300 N. Lake Shore Drive, Unit 6C
Chicago, IL 60657

iPhone: PPI
E-Mail: erothste@grg-ltd.com
Web: www.grg-ltd.com

From: Lyon, Nick (DCH)
Sent: Friday, July 31, 2015 10:57 AM
To: Muchmore, Dennis (GOV); Workman, Wayne (TREASURY); Wurfel, Brad (DEQ); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH)
Subject: Re: Updated Memo on Water Coalition Questions - July 29
Attachments: Flint Testing and EBLLs_2.xlsx

Our Public Health staff followed up a bit more on the lead question. Below is their email update to me.

From: Grijalva, Nancy (DCH)
Sent: Wednesday, July 29, 2015 11:23 AM
To: Lyon, Nick (DCH)
Subject: FW: Director's Office Assignment -- Flint - need update asap
FYI.....
-----Original Message-----
From: Peeler, Nancy (DCH)
Sent: Tuesday, July 28, 2015 2:57 PM
To: Anderson, Paula (DCH); Miller, Corinne (DCH); Travis, Rashmi (DCH); Moran, Susan (DCH); Grijalva, Nancy (DCH); Fink, Brenda (DCH)
Cc: Priem, Wesley F. (DCH); Dykema, Linda D. (DCH); Bouters, Janese (DCH); Barr, Jacqui (DCH)

Subject: RE: Director's Office Assignment -- Flint - need update asap

I apologize for the delay in responding more specifically to this assignment, it took some time to review our Childhood Lead Poisoning Prevention program data to see if it might contribute to the understanding of the situation in Flint with their water supply. Here is what we found:

We looked at lead testing results for May 2014-April 2015, which is the 12 month time frame just after Flint started drawing their water from the river (water source changed in April 2014).

We compared lead testing rates and lead testing results to the same time frame for the previous 3 years, to see if there were any patterns that suggested that there were increased rates of lead poisoning after the water supply was switched. Per the attached charts –

- Lead testing rates remained about the same from year to year (chart on the right).
- There was a spike in elevated blood lead tests from July-September 2014 (chart on the left, gold line).
- However that pattern was not terribly different from what we saw in the previous three years, especially in 2011-2012 (we are working with our Epidemiologist to statistically verify any significant differences).
- We commonly see a 'seasonal effect' with lead, related to people opening and closing windows more often in the summer, which disturbs old deteriorating paint on the windows, sills and sashes. Window fans frequently blow and spread the lead dust from the deteriorating paint to other parts of the room/house. We suspect that the summer data spike may be related to this effect.
- If the home water supply lines and/or river water were contributing to elevated blood lead tests, we

expected that the increased rates would extend beyond the summer, but they drop quite a bit from September to October, stayed low over the winter, and are just starting to tail up again in the spring of 2015.

So upon review, we don't believe our data demonstrates an increase in lead poisoning rates that might be attributable to the change in water source for Flint. We recognize that lead exposure via the water is only a small piece of what may be happening for families in Flint, however, we hope the information is helpful.

Nancy Peeler

From: Muchmore, Dennis (GOV)
Sent: Wednesday, July 29, 2015 9:02 AM
To: Workman, Wayne (TREASURY); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV)
Subject: RE: Updated Memo on Water Coalition Questions - July 29

I think this information is very helpful. It will not answer the main question about the quality of the water (DEQ is working on that through Brad I believe), and the color and smell of the present water, but it does get us to the answers to the less subjective issues. Frankly, the only way the issues will be totally resolved is when the KWA comes on line and the water is perceived to be cleaner and healthier.
I am somewhat surprised that the leadership in Flint has not responded better to the community questions, which don't seem unreasonable at all. Seems like Harvey has a better network into some of the neighborhoods than the city does. The KWA PR department definitely needs to do some outreach or they're headed down the same road as DWSD. Do you know if they go out on a regular basis to the community and talk about the rates, costs, etc.?

From: Workman, Wayne (TREASURY)
Sent: Wednesday, July 29, 2015 8:36 AM
To: Muchmore, Dennis (GOV); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Clement, Elizabeth (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV)
Subject: FW: Updated Memo on Water Coalition Questions - July 29
Importance: High

All, Attached is a memo and water rate summary answering several of the questions raised by the Flint pastors. Please let me know if you have any questions. Wayne

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Cline, Richard (Treasury)
Sent: Wednesday, July 29, 2015 8:21 AM
To: Workman, Wayne (TREASURY)
Cc: Dempkowski, Angela (Treasury); Byrne, Randall (Treasury)
Subject: Updated Memo on Water Coalition Questions - July 29
Importance: High

Wayne,

Attached is the water rate table you asked for and I have updated the memo to reference this as an attachment.

If you need anything else, please let me know.

Note that Rob, Randy and I will be in Benton Harbor for a portion of today conducting their annual RTAB evaluation.

Eric Cline | Department Manager
State of Michigan | Michigan Department of Treasury | Office of Fiscal Responsibility
430 W. Allegan Street, 3rd Floor | Lansing, MI 48922
Lansing Office (517) 335-2078 | Cell Phone [PPI] | Traverse City Office (231) 922-5228
E-mail cliner1@michigan.gov

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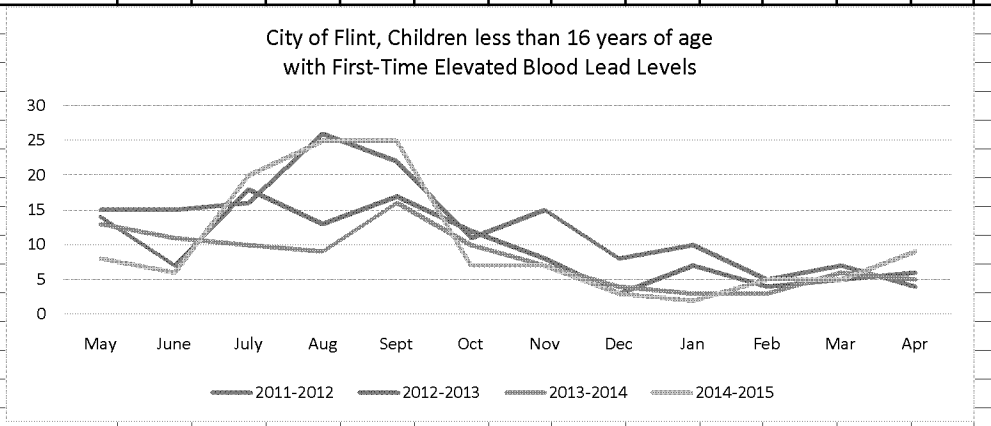

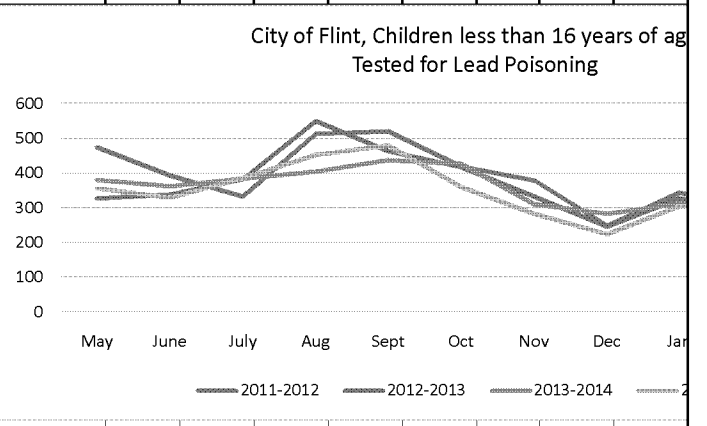

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2013-2014		13	11	10	9	16	10	7	4	3	3	6	5
2014-2015		8	6	20	25	25	7	7	3	2	5	5	9

		May	June	July	Aug	Sept	Oct	Nov	Dec
2011-2012		474	393	332	513	520	420	379	249
2012-2013		328	338	383	550	464	417	332	246
2013-2014		380	363	385	404	438	427	310	283
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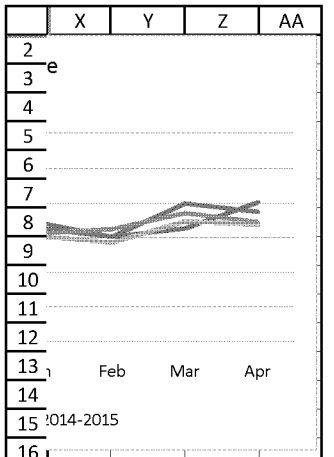

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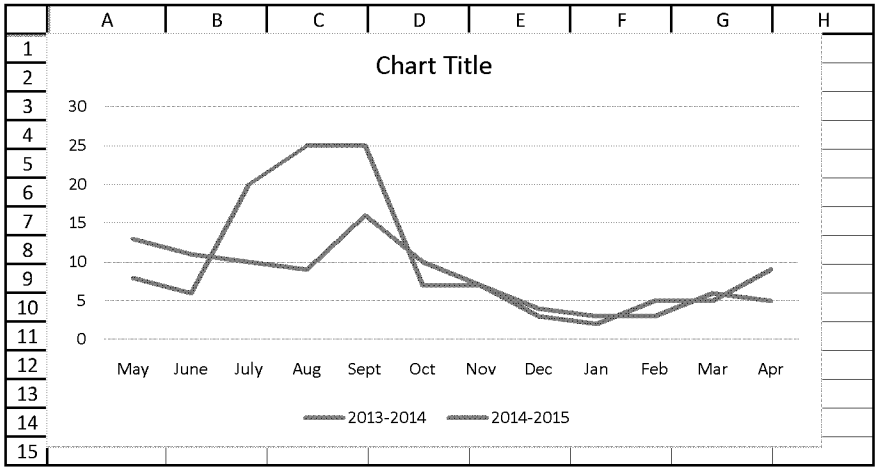
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From: Hall, Jean (GOV)
Sent: Thursday, April 18, 2013 3:32 PM
To: Muchmore, Dennis (GOV); Roberts, John (GOV); Hollins, Harvey (GOV); Scott, Allison (GOV)
Cc: Wisniewski, Wendy (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV)
Subject: Memo Flint Water System
Attachments: Memo Flint Water System 130418.docx

You were cc'd on the attached memo to the Governor.

Thank you.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
(517) 241-5493
HallJ16@michigan.gov

TO: Governor Snyder
CC: Dennis Muchmore, John Roberts, Harvey Hollins, Allison Scott

FROM: Bill Rustem

SUBJECT: Flint Water System

DATE: April 18, 2013

Governor, this information was compiled by the Department of Treasury.

Summary

In November 2012 the Department of Treasury commissioned the firm of Tucker, Young, Jackson & Tull, Inc. (TYJT) to analyze options for the City of Flint to either remain a customer of the Detroit Water & Sewer Department (DWSD) or to join the Karegnondi Water Authority (KWA) in Genesee County. The purpose of this study was to provide objective analyses to the State Treasurer and Flint's Emergency Financial Manager (EFM) in order to secure future potable drinking water for the City.

In December 2012, staff from TYJT met with representatives from the Department of Treasury and the City of Flint to provide a preliminary report on their findings. At this meeting, five options were presented: These options ranged from the Flint Water Plant providing 100% water, to 100% provision of untreated Lake Huron Water by KWA, to 100% provision of treated drinking water by DWSD, or provision of variable amounts of water from DWSD using a combination of blended DWSD water and Flint River water.

From the presentation of the preliminary report in December 2012 to the submission of the final report by TYJT in January 2013, a number of developments made arriving at a final decision very difficult.

- DWSD provided the City of Flint with at least two modified proposals to consider.
- A debate ensued between TYJT and KWA's principal engineering firm regarding the others' conclusions and estimates for construction of the KWA pipeline.
- The Flint EFM eliminated all options except the 100% DWSD option or joining KWA.

In January 2013, the Office of Financial Review (OFR) provided a comprehensive report to the State Treasurer analyzing three questions: 1) The projected construction costs and why Treasury believed the projections provided by Flint/KWA were acceptable; 2) Identification of the construction contingencies; and 3) Identification of the options Flint will utilize in the event of a construction cost overrun or a delay in construction. At the end of this report, the OFR recommended to the State Treasurer that KWA presented the best future option for future potable water. The OFR also concluded that KWA appeared to be the cheaper option; the quality of water would improve; Genesee County appeared willing to assist the City in securing the financing for their portion of the project; the KWA project could signify the beginning of better collaboration between the City of Flint and Genesee County; and the KWA project had both political and popular support.

Between January and April, intense scrutiny of the various proposals was undertaken by Treasury and Flint officials. Treasury officials met with officials from Genesee County to gain a better understanding of

the KWA project. In February 2013, Genesee County opened bids for construction of the Lake Huron intakes. This bid opening represented the first meaningful step toward commencing construction of the KWA system. The bid was $3-million less than projected.

In March 2013, Treasury was notified that DWSD had contacted Flint to negotiate with the City to retain them as a customer. On April 12, 2013, the State Treasurer authorized the Flint EFM to join KWA, pending review of any final offer from DWSD. A final offer was received from DWSD on April 15, 2013.

DWSD's final offer provided two options. The first option was for a "supply only" rate schedule. Only water treatment costs would be recovered and DWDS would absorb all other delivery costs. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon DWSD's Lake Huron WTP. KWA would also have the ability to construct and own its own transmission lines.

The second option was a "full service" rate option. DWSD would provide all production and transmission services. Transmission rates would be calculated only on those costs necessary to supply KWA and no additional transmission rates would be charged. Capital and operating revenue charges would be calculated based upon KWA's usage relative to the entire demand upon the Lake Huron WTP.

Independent analyses of DWSD's final offer by the OFR, the Flint EFM, and the Department of Environmental Quality (DEQ) generally reached the same conclusions:

- DWSD's offer was a framework subject to negotiations and was not a firm offer.
- The offer provided by DWSD was incomplete.
- DWSD's offer did not include a guaranteed rate beyond year one, nor did it limit maximum annual rate increases.
- The DWSD scenarios were based on 40 MGD of service capacity. However, the KWA project provides 60 MGD of initial capacity with potential expansion to 75 MGD.
- DWSD indicates that Flint/ Genesee County would be given "broadened representation," it is unclear exactly what this means in terms of actual control in the decision making processes.
- The DWSD offer relies on a single transmission system and would require the City of Flint to maintain its WTP for emergency purposes. In addition, it would leave Genesee County without an adequate backup supply to meet their needs.
- DWSD's offer included an attachment that listed the rank-ordered options (from cheapest to most expensive). DWSD Scenario 2 is listed as the least expensive option (but it is unclear how the total cost of this option was arrived at). DWSD Scenario 1 was not listed.
- DWSD provided a summary table of their unit costs but how these figures are arrived at was not clear, so analysis proved difficult.

Without specific details from DWSD on this proposal, a true comparative analysis is difficult to provide. As such the Flint EFM rejected the DWSD proposal and agreed to join KWA.

If further information on this issue is needed, please let me know.

From: Workman, Wayne (TREASURY)
Sent: Monday, August 11, 2014 1:36 PM
To: Muchmore, Dennis (GOV); Clinton, Kevin (TREASURY); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)
Cc: Saxton, Thomas (Treasury); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Baird, Richard (GOV); Dempkowski, Angela (Treasury)
Subject: August 2014 Gov memo and Summary
Attachments: 8-11-14 Gov Memo.docx; 436Summary 8-11-14.docx

All: Attached please find an update of issues and actions regarding distressed local governments and school districts through August 7, 2014. Let me know if you have any questions or need additional information.

Wayne Workman | Deputy State Treasurer
State of Michigan | 430 W. Allegan Street | Lansing, MI 48922

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: August 11, 2014

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Not Responsive

Detroit
Emergency Manager: Kevyn Orr
Appointed: March 14, 2013

Not Responsive

Flint
Emergency Manager: Darnell Earley
Appointed: November 28, 2013
Anticipated Exit: April 2015

Recent Developments
- Overall deficit reduced to $9M in FY 2014.
- The Federal District Court Judge modified the preliminary injunction on June 30, 2014. (six retirees challenged modifications made by the Emergency Manager to retiree healthcare coverage). The City can implement cost saving measures pending the trial outcome. However, if the challenge stands, the City's cost will increase by approximately $5M annually.

Significant Actions/Issues
- The sale of the water pipeline for $3.7M was completed in June 2014. KWA project still moving forward as planned.
- Water Plant placed into full-time service in April 2014, ending contractual relationship with DWSD.
- A $1.1M State appropriation was received to fund front-line public safety positions for FY 2015.
- The Emergency Manager has imposed collective bargaining agreement terms that will save the City $336k annually with long-term projected savings of $4.3M effective July 2014.

Issues to Resolve before EM Exit
- Eliminate annual operating/structural deficit which is projected at $1.7M for FY 2017, and grows to $11.9M during FY 2019 if the City loses the lawsuit over retiree health.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

EMERGENCY MANAGER				
Unit of Government	**Current Emergency Manager**	**Initial Appointment Date**	**Target Exit Date**	**Notes**
Not Responsive				
City of Flint	Darnell Earley	November 28, 2011	April 2015	* Overall deficit reduced to $9M in FY 2014. * Judge modified preliminary injunction re retiree healthcare. City can implement cost saving measures pending trial outcome. If challenge stands, City's cost will increase by approx. $5M annually. * A $1.1M state appropriation received to fund front-line public safety positions for FY 15. * Eliminate annual operating/structural deficit which is projected at $1.7M for FY 17, and grows to $11.9M during FY 19 if City loses lawsuit over retiree health.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From: Storberg, Ann Marie (TREASURY)
Sent: Friday, April 24, 2015 3:07 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (MSHDA); Koryzno, Edward (Treasury); Khouri, Nick (TREASURY); Redford, James (GOV); Bedan, Morgan (GOV); Sampson, Jeremy (TREASURY); Wisniewski, Wendy (GOV); Lukasik, Liz (GOV); Breslin, Brian (GOV); Harden, Carolyn (GOV); Byrne, Randall (Treasury); Headen, Frederick (Treasury); Rospond, Laurie (GOV); Stoken, Laura (GOV)
Subject: City of Flint EM Transition Plan for Next Week - 4/24/15 Draft Materials and Communication Plan
Attachments: Flint_RTAB Comms Plan.doc; Flint Exit Letter.docx; Flint Final Order 4-24-15.docx; Flint EM Termination Letter.doc; Flint RTAB Appointment Letter.doc

Dennis & Beth,

On Wednesday, April 29th, the City of Flint's Emergency Manager (EM), Jerry Ambrose, is expected to issue a determination that the financial emergency in the city has been rectified. He will also recommend that a Receivership Transition Advisory Board (RTAB) be appointed in the city.

Listed below and attached for your review are the draft documents necessary to transition Flint from EM status to a RTAB*, as is the communications plan for April 29th and April 30th.*

- Communication plan for Flint RTAB announcement
- Letter from the EM determining the financial emergency in the city has been rectified
- EM's Final Order
- Termination letter
- RTAB appointment letter

The proposed schedule for Wednesday, April 29th and Thursday, April 30th – items listed in order of occurrence:

1. On April 29th – EM Jerry Ambrose issues letter to Governor declaring the financial emergency in the city has been rectified.

2. On April 30th, EM Jerry Ambrose issues final order outlining duties of the mayor, city council and soon-to-be-appointed RTAB, effective immediately. This needs some type of time stamp, either through the Clerk or by transmitting it in an email. Jerry to notify Treasury of issuance.

3. ONLY AFTER NOTIFICATION OF FINAL ORDER BEING ISSUED - Governor's Office issues termination letter to Jerry Ambrose. A draft copy of the letter is attached for your review. Transmittal of signed letter by email to include a time stamp.

4. AFTER CONFIRMATION OF TERMINATION LETTER BEING SENT - Governor's Appointments Office transmits appointment letter for RTAB. A draft copy of the letter is attached for your review.

Summary of Governor's Transition Advisory Board Appointment Letter –

The Governor's letter appointing the RTAB contains the following requirements: enforcement of the requirements contained in the EM's final order; recommendation of modifications or termination of the EM's final order; formal

evaluation of the City's financial and operational progress and sharing of that information with city officials, residents and stakeholders. The letter also contains conditions which must be satisfied before receivership is waived. These are implementing the Financial Officials Association best practices; implement charter amendments consistent with applicable model charters, and completion of financial and managerial training by city officials.

Pursuant to the Communication Plan, a press avail is scheduled for 1:00 pm on Thursday, April 30th.

Please do not hesitate to let me know if you have any questions. Thank you.

Ann Storberg
Senior Adviser to State Treasurer
Michigan Department of Treasury
430 West Allegan Street
Lansing, MI 48922
Office (517) 373-3638
Cell PPI
Storberga@michigan.gov
NOTICE: *This message is intended for the named recipient(s) only and may contain confidential, privileged, or private information exempt from disclosure under Michigan law. If you have received this message in error, do not forward, share, save or duplicate it. Please reply and notify me of the error in transmission and then delete the message. Thank you..*

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

R. KEVIN CLINTON
STATE TREASURER

Communication Plan for Flint RTAB Announcement

On Thursday, April 30, 2015, Gov. Snyder will announce that the financial emergency in the city of Flint has been sufficiently resolved and that he is appointing a Receivership Transition Advisory Board (RTAB) to help ensure a smooth transition to local control and guide the city to continued financial stability. DRAFT

Wednesday, April 29 approx. 3:00 p.m.

- EM Jerry Ambrose sends a letter to Gov. Snyder, indicating he has determined the financial emergency in Flint to be sufficiently rectified and recommending appointment of a Receivership Transition Advisory Board (RTAB), pursuant to Public Act 436 of 2012.
- Treasury Comms issues press advisory for Thursday press avail.

Thursday, April 30 approx. 9:00 a.m.

- Jerry Ambrose discusses final order with Mayor and City Council (individually). The Final Order outlines authority of the Mayor, City Council, and the RTAB.

Approx. 10:00 a.m.

- Jerry Ambrose issues Final Order (Order needs a time stamp, via City Clerk or e-mail)…notifies Treasury of issuance.
- Dep. Treasurer Workman, Ambrose & Mayor Walling speak with Ron Fonger, Flint Journal, under embargo until 12:45 p.m.

10:30 a.m.

- Following notification from Treasury that the final order has been issued, Governor's Office sends **termination letter** to EM (emailed to include time stamp).

11:00 a.m.

- Following confirmation that the Governor's **termination letter** has been sent, Governor's Appointments Office **sends Flint RTAB appointment letter**.

11:30 a.m.

- Governor's Legislative Office (Dick) contacts SML, Speaker, and Flint legislators (Sen. Ananich and Reps. Neely and Phelps) and Governor's Comms contacts Leg. Comms.
- Governor's Office (Harvey) and Jerry Ambrose contact stakeholders.

Suggested message: ***"Gov. Snyder will today, announce that Jerry Ambrose has concluded his work as EM in the City of Flint and that the Governor will appoint a Receivership Transition Advisory Board (RTAB) to ensure a smooth transition to local control and guide the city to continued financial stability."***

1:00 p.m.

- Deputy State Treasurer Wayne Workman, Jerry Ambrose, Mayor Walling, CC President Josh Freeman, and members of the RTAB hold press avail at Flint City Hall to announce the Governor agrees with Ambrose's determination and appointment of RTAB and to discuss EM's accomplishments, final order, role of RTAB, etc.

- E-mail communication to ALL Flint city staff from JA & DW.

DRAFT

April 29, 2015

Honorable Rick Snyder
Governor of Michigan
111 South Capitol Avenue
Lansing, MI 48909

Dear Governor Snyder:

The City of Flint has been in a state of receivership since your declaration of a financial emergency in November 2011. Since that time a number of substantial changes have been implemented and I feel that the financial emergency has been sufficiently addressed. I feel it is appropriate to relinquish my position as Emergency Manager (EM) at this time.

As you are aware, I was appointed Emergency Manager on January 13, 2015, under the authority of PA 436 of 2012. I am the fourth EM to serve the City of Flint; my predecessors were Michael K. Brown (PA 4 and PA 436), Edward Kurtz (PA 72 and PA 436) and Darnell Earley (PA 436). Each EM took major steps toward rectifying the financial emergency. These steps included implementing budgetary and financial best practices, restructuring the City departmental organization, implementing new means and levels of service provision, and preparing the City for long term stability.

Addressing the Financial Emergency:

At the time of placement into state receivership, the City of Flint was a city in financial crisis, characterized by accumulated deficits in the General Fund and Water Fund, marginal cash flow, and unsustainable legacy costs. At the conclusion of FY12, the fiscal year in which an Emergency Manager was appointed, the City's General Fund deficit stood at $19.1 million; its Water Fund had a deficit of $8.8 million; and cash flow was $13 million, or less than one month's expenses. Unfunded OPEB liabilities were more that $850 million.

Addressing these issues and putting Flint back onto a path to sustain financial solvency has been difficult for taxpayers, employees, retirees, and those utilizing city services. Taxes and fees have been raised, including a voter approved six mill special levy for police and fire; a special assessment for street lighting; waste collection was changed to a fee for service from a millage rate; and increases in utility rates to among the highest in the state. Services have been reduced to marginal levels (including public safety), as the workforce and employee compensation has shrunk by more than 20%. And, retirees have seen their cost of retiree health care increase.

As a result, much progress has been made:

- The deficits in the General Fund and Water Fund have been addressed. The Water Fund is now solvent, although not at the level indicated as adequate; and the remaining $7 million General Fund deficit will be eliminated by June 30, 2015, with a loan authorized by the Emergency Loan Board. City wide cash flow is now more than $67 million.
- New ordinances addressing the achievement and maintenance of financial sustainability have been enacted by the City Council, with support of the Mayor. These ordinances include the requirement for creation and maintenance of a strategic plan; requirement for creation and maintenance of a biennial budget and five year financial projections; establishment of a fund balance reserve, including establishment of a budget stabilization fund; establishment of a

requirement to begin funding of OPEB liabilities; and an update of the City's purchasing ordinance.

- Long term liability costs have been reduced significantly. $850 million in OPEB liabilities have been reduced to $240 million, and new employees are given a contribution towards future health care costs at retirement instead of the promise of retiree health care. Current retirees now pay a significant amount towards their health care. Multipliers for remaining employees in defined benefit programs have been reduced, and new employees are enrolled in a hybrid pension plan, which has less long term liability for the City. The Flint Employees Retirement System has been dissolved, with pension administration now handled by the Municipal Employees Retirement System.
- The structure of the City organization has been changed significantly. A new City Administrator has been hired, selected on the basis of professional expertise, and with expanded control over daily activities of the City. The workforce has been reduced by more than 20%, and City operations have been reorganized into four program areas. Waste collection and demolition is no longer being done internally, 911 operations will be transferred to the County effective July 1, 2015, and the City-funded 68th District Court is expected to become part of the County- funded 67th District Court in January, 2016. The purchase of water is now planned to come from the Karegondi Water Authority instead of the Detroit Water and Sewerage Department. Collective bargaining contracts have also been revised; increasing flexibility for management and setting the stage for permanent reductions in legacy costs. Partnerships have been established to improve the level of parks maintenance. Senior Centers are now run by independent non-profit organizations, with reduced assistance from the City; and the City golf courses have been leased to private operators.
- The City has put into place a plan for long term stabilization and future development. A new Master Plan (the first since the 1960's) has been adopted, a new Capital Improvement Plan has been completed, and a new framework for a Blight Elimination Plan has been developed. A new zoning ordinance is well on its way to completion. Each of these major planning pieces significantly engaged members of the community and the final products were approved by the Flint City Council, with the support of the Mayor.
- A Blue Ribbon Committee on Governance was established by EM Earley in 2014. The committee recommended a number of Charter revisions and recommended the election of a Charter Review Committee. In November 2014 the voters in Flint approved several revisions to the current Charter and also approved establishing a Charter Review Commission, the members of which will be elected in May 2015. The Commission will consider whether to maintain the current Strong Mayor form of governance or to propose a new Council-Manager format.
- A formal assessment of the values of both Hurley Hospital and the City's utility system have been completed; and concluded that no change in ownership status would be beneficial at this time.

Continuing Challenges:

Significant work has been accomplished to resolve the conditions which put the City of Flint into State receivership. However, there also still exist several major challenges which will require continued work on the part of the City leaders:

- Retiree health care continues to be a significant concern as the City still faces a federal lawsuit over its decision to change (but not eliminate) health care for current retirees. While the City is currently operating under a judge's order which allows modification of the City's historical level of health care for retirees, a loss could have an impact of more than $5 million annually.

- The five year revenue projections still identify a structural deficit. Annual costs for wages and fringes will continue to rise at an approximate 2.4% rate. There is not a comparable increase in projected revenue, which is closer to 1%. While it may be possible to continue the low level of services that Flint now provides for a short while, even that level will be in jeopardy without a long term sustainable new source of revenue. The low level of services that Flint currently provides is not at the level which will help the City to become an attractive place to live, work, study, and play.
- Aging water and sewer systems designed to serve twice as many customers as the number now using the systems have resulted in water and sewer rates that are among the highest in the state. This is another factor impeding the City's ability to attract and retain businesses and residents. There needs to be a concerted effort to reduce rates by as much as 50%, but that cannot even be contemplated without the commitment of financial assistance from the state and federal governments. While the decision to join with Genesee County in the creation of the KWA will result in costs for purchasing water increasing at a rate less than historically paid to the previous supplier, it will not be sufficient to lower costs.
- Continuing voter support for special millages financing public safety is a concern. In 2012 voters approved a 6 mill property tax levy for police and fire, bringing Flint's total level to within 1 mill of its maximum 20 mill limit. This millage, plus one for 2 mills approved some time ago, are expiring in 2017, and without renewal, the resulting level of public safety services, even with the current level of greatly appreciated State Police support, would be unworkable. This was recently confirmed by an evaluation of the organization and staffing for both the Police and Fire departments. The evaluations found both departments are understaffed, but the understaffing situation is significantly more acute in the Police Department, where it was noted that comparable cities have on average 100 more officers on the street than Flint does.
- Equally important to providing State support in the form of Michigan State Police has been the financial commitment by the State to fund the City's lock up at a cost of more than $2.5 million annually – without which there would be no lock-up. Both FPD and MSP have noted that the opening of the City's 72-hour lock-up has been a key component in the reduction in crime.

Emergency Manager's Recommendation:

Section 22(1) of P.A. 436 of 2012, the Local Financial Stability and Choice Act, provides that if the Emergency Manager determines that the financial emergency has been rectified, he or she is required to inform you and the State Treasurer. Based on the examples presented above, I am prepared to say that I have determined the financial emergency in the City of Flint has been rectified. In addition, as required by Section 21(1) of the Act, a two-year budget has been implemented and all bargaining unit contracts have been settled.

Although the financial emergency has been resolved, I recommend the appointment of a Receivership Transition Advisory Board (RTAB) as allowed by Section 23 of the Act. I believe it is critical that the RTAB oversee and provide guidance to the City as they address the continuing challenges facing the City of Flint and complete transition back to full local control.

The path to sustainable financial solvency for the City of Flint will be very difficult, but doable. The new financial policies and practices, and the new organizational structure, are designed to assist City leaders in achieving this goal. Achieving the goal will allow City leaders to become a positive force in leading the City to become an attractive place to live, work, study, and play. I applaud the efforts of the Mayor and Council members who have worked actively and positively to effectuate these changes and are committed to carrying them into the future.

DRAFT

If, however, the new policies, practices, and organizational changes are ignored in favor of returning to the historic ways of doing business, it is not likely the City will succeed over the long term. The focus of City leaders will then likely once again return to confronting financial insolvency.

I have greatly appreciated the opportunity to have been of service to the City of Flint and to the State of Michigan.

Sincerely,

Gerald Ambrose
Emergency Manager
City of Flint

Cc: Nick A. Khouri, State Treasurer

DRAFT

EMERGENCY MANAGER
CITY OF FLINT
GENESEE COUNTY, MICHIGAN

ORDER NO. 20

MEASURES TO RECTIFY FINANCIAL EMERGENCY AND ALLOCATION OF RESPONSIBILITIES IN THE EVENT OF THE APPOINTMENT OF A RECEIVERSHIP TRANSITION ADVISORY BOARD

BY THE POWER AND AUTHORITY VESTED IN THE EMERGENCY MANAGER ("EMERGENCY MANAGER") FOR THE CITY OF FLINT, MICHIGAN ("CITY') PURSUANT TO MICHIGAN'S PUBLIC ACT 436 OF 2012, LOCAL FINANCIAL STABILITY AND CHOICE ACT, ("PA 436"); GERALD AMBROSE, THE EMERGENCY MANAGER, ISSUES THE FOLLOWING ORDER:

Pursuant to Public Act 436, the Emergency Manager has broad powers in receivership to rectify the financial emergency and to assure the fiscal accountability of the City of Flint and its capacity to provide or cause to be provided necessary services essential to the public health, safety and welfare; and

Pursuant to Public Act 436, the Emergency Manager acts in place of local officials, specifically the Mayor and City Council, unless the Emergency Manager delegates specific authority; and

Pursuant to Public Act 436, the Emergency Manager has broad power to manage the local government, and may issue orders to elected and appointed officials necessary to accomplish the purpose of the Act; and

Pursuant to Public Act 436, the Emergency Manager is issuing this order to rectify the Financial Emergency and allocate responsibilities in the event of the appointment of a Receivership Transition Advisory Board:

1. The purpose of PA 436, which became effective on March 28, 2013, is to safeguard and ensure the financial accountability of local units of government; to preserve the capacity of local units of government to provide or cause to be provided necessary services essential to

the public health, safety, and welfare; to provide for review, management, planning, and control of the financial operation of local units of government and the provision of services by local units of government; to authorize a declaration of the existence of a financial emergency within local units of government; to prescribe remedial measures to address a financial emergency within local units of government; to provide for the appointment and to prescribe the powers and duties of emergency managers for local units of government; and to provide for the termination of a financial emergency within a local unit of government.

2. Section 23 of PA 436 authorizes the Governor, before removing a local government from receivership, to appoint a Receivership Transition Advisory Board (Board) to monitor the affairs of the local government until the receivership is terminated.

3. By letter dated April 29, 2015, I recommended that Governor Snyder appoint a Receivership Transition Advisory Board for the City.

4. In the event that the Governor appoints a Receivership Transition Advisory Board (Board), this Order is issued to facilitate the effective and efficient operation of the City for the duration of the period that the Board is monitoring the affairs of the City and the City remains in receivership. City officials shall be governed by and perform the duties and functions set forth as follows:

   (a) **The Mayor and City Council shall implement all of the following financial best practices within the City and do all of the following**:

      1) Safeguard the financial stability of the City by seeking out, approving, and implementing cost-saving measures recommended by the City Administrator, the Board, or both.

      2) Work with the City Administrator and other City or State officials to successfully transition the City from receivership and eliminate financial stress within the City.

      3) Ensure that the City makes annually required contributions to the City's pension funds. Any changes to the City's pension plans, including an annual contribution which is less than is actuarially determined, may only be made with the approval of the Board and the State Treasurer.

      4) The City Council shall not interfere with the employees of the City. The City Administrator shall be the authorized management contact for all employees.

5) Fill within 120 days and with the approval of the Board, any vacancy in the Office of City Administrator with an individual that meets qualifications outlined in the job position description and established by the Board. Upon such a vacancy the City shall engage a Board-approved and professionally recognized search firm to identify and locate qualified candidates. Without the approval of the Board, neither the City Council nor the Mayor may terminate the City Administrator, or any other City officer or employee.

6) Shall observe the budgetary process as detailed in ordinance. Any budget adoption or subsequent amendment must be submitted for Board approval prior to implementation. The City shall comply with the two-year budget, which the Emergency Manager adopted pursuant to §21(1) of PA 436; however the two-year budget may be amended by approval of the Board and State Treasurer. Proposed budget amendments must be submitted to the Board at the next Board meeting that follows the event or discovery that necessitates the amendment.

7) Adopt ordinances and resolutions not inconsistent with this Order and Michigan law. Ordinances and resolutions are subject to approval of the Board before taking effect, except as otherwise directed by the Board, including but not limited to, ordinances or resolutions providing for the appointment or reappointment of individuals to City offices.

8) Issue or otherwise incur debt with the approval of the Board. As used in this paragraph, "debt" means that term as defined under the Revised Municipal Finance Act, 2001 PA 34, MCL 141.2101 to 141.2821.

9) Post City Council meeting agendas on the City's website no less than 24 hours prior to each meeting.

10) Document all of the City's outstanding liabilities, including payables and debt obligations. The City shall provide a report on the liabilities to the Board upon request.

11) Adopt or alter policies and procedures for conducting the operations of the City Council, as needed, subject to approval by the Board.

12) Verify the qualifications and eligibility of any individual being considered for appointment or reappointment to the City Council or any other City board, commission, or committee prior to said appointment or reappointment. An individual not eligible for appointment or reappointment shall not be approved.

13) Review not less than annually an inventory of City assets.

14) Review not less than annually a report on business licenses issued by the City.

15) Review licensing fees and all other City fees on an annual basis and make recommendations for any adjustments, subject to approval by the Board.

16) Annually review the status of tax collections and outstanding property taxes owed to the City and report findings to the Board. The City must undergo a complete reappraisal of all property within all property classes within the City, to be implemented for the 2018 Assessment Roll. The City must maintain adequate assessment records in compliance with State Statute, State Tax Commission Rules and State Tax Commission Guidelines.

17) Review and recommend approval of all asset sales to the Board. Absent Board approval to do otherwise, the net proceeds from all asset sales shall be deposited in the City's pension funds, if at the time of the asset sale the City's pension funds are not fully funded. Additionally, City owned parcels shall be

appraised prior to sale and sold by a sealed bid process absent approval by the Board to sell by another method.

18) Review election precinct sites and approve expenses associated with elections, consistent with the budget then in effect for the City.

19) Review and approve proposed economic and redevelopment projects recommended for approval by the City Administrator, subject to the approval of the Board.

20) Approve intergovernmental agreements and service consolidation plans recommended by the City Administrator, subject to the approval of the Board.

21) Comply with local ordinance concerning the purchase of and contract for goods and services.

22) Approve any changes to the job description of the City Administrator, any contract with the City Administrator, and any policies or procedures applicable to the City Administrator with the approval of the Board.

(b) **The City Administrator shall implement all of the following financial best practices within the City and do all of the following**:

1) Fulfill the responsibilities and duties of Emergency Manager Order Number 3, dated April 10, 2015.

2) Be responsible for effectively overseeing the day-to-day operations of the City, consistent with Emergency Manager Orders.

3) Be the sole authority concerning modifications to compensation, including appointed officers and other City employees. This provision does not apply for elected officers within the City.

4) Notwithstanding the provisions of paragraph 20 of Emergency Manager Order No. 3 (issued April 10, 2015), termination of any department head shall require the approval of the Board.

5) Negotiate and recommend approval to the Board proposed collective bargaining agreements, subject to limitations on collective bargaining under MCL 141.1567(3).

6) Submit regular reports to the Mayor, City Council, and Board regarding the overall operation and direction of the City and regularly report on his or her activities to the Mayor, the City Council, and the Board.

7) Serve as the official City representative to the Board on behalf of the Mayor and the City Council.

8) Work with the City Council, the Mayor, and other City or State officials to successfully transition the City from receivership and eliminate financial stress within the City.

9) Ensure that the City is in full compliance with Public Act 436, all Emergency Manager Orders, local ordinances, and applicable state and federal laws.

10) The City Administrator may be removed only in accordance with the provisions set forth by Emergency Manager Orders and the City Administrator's Employment Agreement. Complaints or grievances against the City Administrator from the Mayor or City Council shall be provided to the City Administrator in writing. The City Administrator may not be terminated, suspended, or placed on administrative leave without the approval of the Board.

11) Shall observe and comply with the Purchasing Ordinance, Ordinance #3865 However in the event that the Board documents abuse of the process outlined

in ordinance, the Board may resolve to review all purchases over $15,000.00. If this occurs, Board approval is required in addition to approvals required by ordinance.

12) Provide to the Mayor, City Council, and the Board by the 20th calendar day following the end of each month, or when directed by the Board, monthly budget-to-actual reports, balance sheets, and a cash balances report by fund and by bank account, as prepared by the Finance Director. These reports are to be reviewed monthly with the Mayor. Additionally, if requested by the Board, monthly reports shall be submitted to the Board which detail all of the overtime expenses that the City has incurred during the previous 30 days.

13) Provide the Board with a plan to address and resolve all deficiencies reported in the most recent audited financial statements.

14) Serve as the primary contact between the Mayor, City Council, and the employees of the City.

15) Faithfully execute the duties of the City Administrator.

(c) **The Mayor, City Administrator, and City Council shall implement all of the following financial best practices within the City and do all of the following**:

1) Comply with all financial policies and ordinances, including but not limited to, the development and update of the Strategic Plan, Ordinance #3854; Development and Adoption of Biennial Budgets and Three-Year Financial Forecasts, Ordinance #3855; Amendment of Adopted Budgets, Ordinance #3856; Fund Balance Policy, Ordinance #3851; Budget Stabilization Fund, Ordinance #3853; Other Post-Employment Benefits, Ordinance #3852; and the Purchasing Ordinance, Ordinance #3865. Additionally, continue to adopt,

subject to Board approval, any policies and procedures necessary to implement best financial practices by the City.

2) Work with the Board to successfully transition the termination of receivership for the City by supporting, implementing, and maintaining the financial and operating plan and the reforms instituted by the City's emergency managers, including but not limited to, the financial and operating plan for the City and by providing appropriate training and explanation of City operations.

3) Provide to the Board, in a timely manner, any documents, records, or other information requested by the Board or its staff. Appear before the Board to provide testimony, documents, records or other information when requested by the Board or its staff.

4) Per previously adopted Orders, continue to develop and maintain a rolling five-year financial operations plan, in coordination with the City Administrator and City Finance Director, and ensure that the financial operations plan is prepared in accordance with applicable law. The five-year financial operations plan and any subsequent amendments are subject to Board approval.

5) Per previously adopted Orders, continue to develop and maintain a rolling six-year Capital Improvements Plan (CIP), in coordination with the City Planning Commission and ensure that the CIP is prepared annually in accordance with applicable law. The CIP, and any subsequent amendments, are subject to approval by the Board.

6) Annually budget for and receive training on the Open Meetings Act, effective meeting management and parliamentary procedures, council-manager relations, analyzing financial statements, and reports from professionally

recognized organizations. Notwithstanding the provisions of Emergency Manager Order No. 4, issued April 10, 2015, City Council members shall complete Level One of the Michigan Municipal League (MML) Core Courses for Municipal Government within one year following the appointment of the Board. In the event a City Council member fails to complete any of these training requirements, all compensation shall be reduced by 20%. The City will pay for training costs. Budget for and ensure that all planning commissioners, zoning board of appeals members, and members of the board of review annually receive proper training to assist them in the fulfillment of their roles and responsibilities and remove members who fail to receive adequate training.

7) Annually review, upon preparation and adoption of the budget, all fees and make recommendations subject to approval of the Board. Should the City Council fail to adopt a budget by the first (1st) Monday in June, fail to approve a proposed budget amendment in a timely manner, or fail to ratify a fee schedule recommended by the City Administrator, the City Administrator shall present such budget, budget amendment, or fee schedule to the Board for approval, and the Board may approve the budget, budget amendment, or fee schedule on behalf of the City.

8) Continue to implement any steps necessary to successfully complete the district court consolidation process.

9) Take all steps necessary to successfully establish, develop, and complete the Karegnondi Water Authority (KWA) project.

10) Take action at the same meeting on all items duly submitted by the City Administrator to the City Council agenda unless the City Administrator agrees that the items should be postponed to the next subsequent meeting.

11) All City elected officials, officers, and employees shall abide by all State regulations and statutes.

(d) **Limitations upon the City Council, Mayor, and the City Administrator**:

1) The City Council, Mayor, or City Administrator shall not revise any Order that was implemented by the Emergency Manager during his or her term prior to one year after the termination of receivership. Amendments to Emergency Manager Orders may be made pursuant to the procedures identified in Section 5.

2) There shall be no funding for the Office of the Ombudsman or the Civil Service Commission.

5. Except as otherwise provided in this paragraph, the power to rescind or amend any order issued by the Emergency Manager shall rest solely with the Board, with approval by the State Treasurer, to the extent permitted under PA 436. This Order may be amended, modified, repealed, or terminated by a subsequent Order issued by an Emergency Manager.

6. This Order amends all previous Emergency Manager Orders to the extent that they are inconsistent.

7. This Order shall have immediate effect.

Date: _____ By: _____

Gerald Ambrose
Emergency Manager
City of Flint

72 (Rev. 04-15)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

April 30, 2015

Gerald W. Ambrose
Emergency Manager
Flint City Hall
1101 South Saginaw Street
Flint, MI 48502

NOTICE OF TERMINATION

Mr. Ambrose:

Pursuant to Section 9 of the Contract for Emergency Manager Services for the City of Flint that was executed on January 13, 2015, I hereby issue this Notice of Termination, effective April 30, 2015. Upon the effective date of this Notice, you are expected to adhere to the following guidelines:

- Cease work under this Contract.
- Incur no further costs.
- Submit all records, reports, and other documentation as specified by the State; follow any directives made by the State concerning the safeguard and disposition of files and property.
- Submit a closing memorandum and final billing within thirty (30) days. This will be paid within thirty (30) days.

On behalf of the State of Michigan, thank you for your service.

Sincerely,

Rick Snyder
Governor

72 (Rev. 04-15)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

April 30, 2015

The Honorable Ruth Johnson
Secretary of State
Office of the Great Seal
Michigan Department of State
Lansing, MI 48909

Dear Secretary Johnson:

Please be advised of the following appointments to office to be effective April 30, 2015.

City of Flint Receivership Transition Advisory Board

Frederick Headen, County of Ingham, representing the State Treasurer, is appointed for a term commencing April 30, 2015, and expiring at the pleasure of the Governor.

Brian Larkin, County of Genesee, representing the Director of the Department of Technology, Management, and Budget, is appointed for a term commencing April 30, 2015, and expiring at the pleasure of the Governor.

David McGhee, County of Genesee, representing a member with relevant professional experience, is appointed for a term commencing April 30, 2015, and expiring at the pleasure of the Governor.

Dr. Beverly Walker-Griffea, County of Genesee, representing a member with relevant professional experience, is appointed for a term commencing April 30, 2015, and expiring at the pleasure of the Governor.

Dr. Robert McMahan, County of Genesee, representing a member with relevant professional experience, is appointed for a term commencing April 30, 2015, and expiring at the pleasure of the Governor.

These appointees shall take and file with the Office of the Great Seal an oath of office before commencing their duties as members of the Receivership Transition Advisory Board.

The State Treasurer, or his or her designee appointed to represent the State Treasurer, shall serve as chairperson of the Flint Receivership Transition Advisory Board. In addition to the duties assigned to a Receivership Transition Advisory Board by Section 23(5) of Public Act 436 of 2012, the Local Financial Stability and Choice Act, the Flint Receivership Transition Advisory Board shall perform the following duties:

1. Fulfill the Board responsibilities outlined in all Emergency Manager Orders, including ORDER No. 20.

2. Recommend amendments, modifications, repeal, or termination of Emergency Manager Order No. 20, or any other Flint Emergency Manager orders, to the State Treasurer. Recommended amendments, modifications, repeal, or termination of Emergency Manager Orders must be approved by the State Treasurer before any such modification becomes effective.

3. Conduct a formal annual evaluation of the City's operational and financial progress by identifying strengths, weaknesses, benchmarks achieved, and benchmarks not yet achieved, including a list of specific recommendations, potential resources available to assist City officials, and any other constructive feedback that informs City officials, residents, and other stakeholders concerning how the City can promote and ensure its long-term sustainability.

Finally, pursuant to Section 22(4) of the Act, I impose upon the City the following conditions which must be satisfied before it is removed from receivership, unless subsequently waived by me:

1. The implementation of financial best practices as adopted by the financial officials' association.

2. After study by the Mayor and the City Council, and in consultation with the Receivership Transition Advisory Board, the City shall enact changes in the current charter through charter amendments or charter revision that are consistent with applicable model charters and model charter amendments and in the City's best financial interests.

3. The completion by City officials of financial and managerial training to ensure that official responsibilities are properly discharged.

Sincerely,

Rick Snyder
Governor

From:	Storberg, Ann Marie (TREASURY)
Sent:	Tuesday, April 28, 2015 2:21 PM
To:	Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc:	Wurfel, Sara (GOV); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (MSHDA); Koryzno, Edward (Treasury); Khouri, Nick (TREASURY); Redford, James (GOV); Bedan, Morgan (GOV); Sampson, Jeremy (TREASURY); Wisniewski, Wendy (GOV); Lukasik, Liz (GOV); Breslin, Brian (GOV); Harden, Carolyn (GOV); Byrne, Randall (Treasury); Headen, Frederick (Treasury); Rospond, Laurie (GOV); Stoken, Laura (GOV)
Subject:	City of Flint EM Transition Plan for TODAY & TOMORROW - Materials and Communication Plan
Attachments:	UPDATED Flint_RTAB Comms Plan 4-29-15.doc; Flint EM Termination Letter.docx; Flint RTAB Apointment Letter v4 04-28-15 (2).docx

Dennis & Beth,

PLEASE NOTE REVISIONS TO DATES FROM MY PREVIOUS EMAIL (DATES HAVE MOVED UP BY ONE DAY). SEE REVISED COMMS PLAN ATTACHED.

With the exception of the change in date, the following events outlined below are unchanged from my email sent out this past Friday.

The proposed schedule for today (April 28th) and tomorrow (April 29th) – items listed in order of occurrence:

1. Today – City of Flint's Emergency Manager (EM) Jerry Ambrose issues letter to Governor declaring the financial emergency in the city has been rectified. He will also recommend that a Receivership Transition Advisory Board (RTAB) be appointed in the city.

2. On April 29th, EM Jerry Ambrose issues final order *[this document has been revised from the previous draft sent last week – I will distribute final version of the EM's final order as soon as it is available]* outlining duties of the mayor, city council and soon-to-be-appointed RTAB, effective immediately. This needs a time stamp, either through the Clerk or by transmitting it in an email. Jerry to notify Treasury of issuance.

3. ONLY AFTER NOTIFICATION OF FINAL ORDER BEING ISSUED - Governor's Office issues termination letter to Jerry Ambrose. A copy of the letter is attached. Transmittal of signed letter by email to include a time stamp.

4. AFTER CONFIRMATION OF TERMINATION LETTER BEING SENT - Governor's Appointments Office transmits appointment letter for RTAB. A copy of the letter is attached.

Summary of Governor's Transition Advisory Board Appointment Letter –

The Governor's letter appointing the RTAB contains the following requirements: enforcement of the requirements contained in the EM's final order; recommendation of modifications or termination of the EM's final order; formal evaluation of the City's financial and operational progress and sharing of that information with city officials, residents and stakeholders. The letter also contains conditions which must be satisfied before receivership is waived. These are implementing the Financial Officials Association best practices; implement charter amendments consistent with applicable model charters, and completion of financial and managerial training by city officials.

Pursuant to the updated Communication Plan, a press avail is scheduled for 1:30 pm on Wednesday, April 29th.

Please do not hesitate to let me know if you have any questions. Thank you.

Ann Storberg
Senior Advisor to State Treasurer
Michigan Department of Treasury
430 West Allegan Street
Lansing, MI 48922
Office (517) 373-6638
PPI
StorbergA@michigan.gov
NOTICE: *This message is intended for the named recipient(s) only and may contain confidential, privileged, or private information exempt from disclosure under Michigan law. If you have received this message in error, do not forward, share, save or duplicate it. Please reply and notify me of the error in transmission and then delete the message. Thank you..*

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

UPDATED Communication Plan for Flint RTAB Announcement

On **Wednesday, April 29, 2015**, Gov. Snyder will announce that the financial emergency in the city of Flint has been sufficiently resolved and that he is appointing a Receivership Transition Advisory Board (RTAB) to help ensure a smooth transition to local control and guide the city to continued financial stability.

Tuesday, April 28 approx. 3:00 p.m.

- EM Jerry Ambrose sends a letter to Gov. Snyder, indicating he has determined the financial emergency in Flint to be sufficiently rectified and recommending appointment of a Receivership Transition Advisory Board (RTAB), pursuant to Public Act 436 of 2012.
- Treasury Comms issues press advisory for Wednesday morning's ELB meeting.

Wednesday, April 29 8:30 a.m.

- Emergency Loan Board meets to consider $7 million emergency loan for the City of Flint (Ambrose attends).

Approx. 10:30 a.m.

- Jerry Ambrose discusses final order with Mayor and City Council (individually). The Final Order outlines authority of the Mayor, City Council, and the RTAB.
- Treasury Communications issues advisory for 1:00 pm press avail.

Approx. 11:30 a.m.

- Jerry Ambrose issues Final Order (Order needs a time stamp, via City Clerk or e-mail)…notifies Treasury of issuance.
- Dep. Treasurer Workman and Ambrose speak with Ron Fonger, Flint Journal, under embargo until 12:45 p.m.

12:00 p.m.

- Following notification from Treasury that the final order has been issued, Governor's Office sends **termination letter** to EM (emailed to include time stamp).

12:15 p.m.

- Following confirmation that the Governor's **termination letter** has been sent, Governor's Appointments Office **sends Flint RTAB appointment letter**.

12:15 p.m.

- Governor's Legislative Office (DP) contacts SML, Speaker, and Flint legislators (Sen. Ananich and Reps. Neely and Phelps) and Governor's Comms contacts Leg. Comms.
- Governor's Office (Harvey) and Jerry Ambrose contact stakeholders.

Suggested message: ***"Gov. Snyder will today, announce that Jerry Ambrose has concluded his work as EM in the City of Flint and that the Governor will appoint a Receivership Transition Advisory Board (RTAB) to ensure a smooth transition to local control and guide the city to continued financial stability."***

1:30 p.m.

- Deputy State Treasurer Wayne Workman, Jerry Ambrose, Mayor Walling, and Council President Josh Freeman hold press avail at Flint City Hall to announce the Governor agrees with Ambrose's determination and appointment of RTAB…and to discuss EM accomplishments, final order, role of RTAB, etc.
- Governor's Office issues press release (simultaneously with avail).
- E-mail communication to ALL Flint city staff from JA.

April 29, 2015

Gerald W. Ambrose, Emergency Manager
Flint City Hall
1101 South Saginaw Street
Flint, MI 48502

NOTICE OF TERMINATION

Mr. Ambrose:

Pursuant to Section 9 of the Contract for Emergency Manager Services for the City of Flint that was executed on January 13, 2015, I hereby issue this Notice of Termination, effective April 29, 2015. Upon the effective date of this Notice, you are expected to adhere to the following guidelines:

- Cease work under this Contract.
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- Submit all records, reports, and other documentation as specified by the State; follow any directives made by the State concerning the safeguard and disposition of files and property.
- Submit a closing memorandum and final billing within thirty (30) days. This will be paid within thirty (30) days.

On behalf of the State of Michigan, thank you for your service.

Sincerely,

Rick Snyder
Governor

April 29, 2015

The Honorable Ruth Johnson
Secretary of State
Office of the Great Seal
Michigan Department of State
Lansing, MI 48909

Dear Secretary Johnson:

Please be advised of the following appointments to office to be effective April 29, 2015.

City of Flint Receivership Transition Advisory Board

Frederick Headen, County of Ingham, representing the State Treasurer, is appointed for a term commencing April 29, 2015, and expiring at the pleasure of the Governor.

Brian Larkin, County of Genesee, representing the Director of the Department of Technology, Management, and Budget, is appointed for a term commencing April 29, 2015, and expiring at the pleasure of the Governor.

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These appointees shall take and file with the Office of the Great Seal an oath of office before commencing their duties as members of the Receivership Transition Advisory Board.

The State Treasurer, or his or her designee appointed to represent the State Treasurer, shall serve as chairperson of the Flint Receivership Transition Advisory Board. In addition to the duties assigned to a Receivership Transition Advisory Board by Section 23(5) of Public Act 436 of 2012, the Local Financial Stability and Choice Act, the Flint Receivership Transition Advisory Board shall perform the following duties:

1. Fulfill the Board responsibilities outlined in all Emergency Manager Orders, including ORDER No. 20.

2. Recommend amendments, modifications, repeal, or termination of Emergency Manager Order No. 20, or any other Flint Emergency Manager orders, to the State Treasurer. Recommended amendments, modifications, repeal, or termination of Emergency Manager Orders must be approved by the State Treasurer before any such modification becomes effective.

3. Conduct or cause to be conducted a formal annual evaluation of the City's operational and financial progress by identifying strengths, weaknesses, benchmarks achieved, and benchmarks not yet achieved, including a list of specific recommendations, potential resources available to assist City officials, and any other constructive feedback that informs City officials, residents, and other stakeholders concerning how the City can promote and ensure its long-term sustainability.

Finally, pursuant to Section 22(4) of the Act, I impose upon the City the following conditions which must be satisfied before it is removed from receivership, unless subsequently waived by me:

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2. After study by the Mayor and the City Council, and in consultation with the Receivership Transition Advisory Board, the City shall enact changes in the current charter through charter amendments or charter revision that are consistent with applicable model charters and model charter amendments and in the City's best financial interests.

3. The completion by City officials of financial and managerial training to ensure that official responsibilities are properly discharged.

Sincerely,

Rick Snyder
Governor

From: Storberg, Ann Marie (TREASURY)
Sent: Tuesday, April 28, 2015 5:01 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (MSHDA); Koryzno, Edward (Treasury); Khouri, Nick (TREASURY); Redford, James (GOV); Bedan, Morgan (GOV); Sampson, Jeremy (TREASURY); Wisniewski, Wendy (GOV); Lukasik, Liz (GOV); Breslin, Brian (GOV); Harden, Carolyn (GOV); Byrne, Randall (Treasury); Headen, Frederick (Treasury); Rospond, Laurie (GOV); Stoken, Laura (GOV)
Subject: City of Flint EM'S EXIT LETTER
Attachments: Ambrose Exit Ltr.pdf

Dennis & Beth,

Please find attached the Exit Letter from EM Ambrose that was sent to the Governor this afternoon.

Ann M. Storberg
Senior Advisor to State Treasurer
Michigan Department of Treasury
Office (517) 373-8638
Cell PPI

From: Storberg, Ann Marie (TREASURY)
Sent: Tuesday, April 28, 2015 4:13 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (MSHDA); Koryzno, Edward (Treasury); Khouri, Nick (TREASURY); Redford, James (GOV); Bedan, Morgan (GOV); Sampson, Jeremy (TREASURY); Wisniewski, Wendy (GOV); Lukasik, Liz (GOV); Breslin, Brian (GOV); Harden, Carolyn (GOV); Byrne, Randall (Treasury); Headen, Frederick (Treasury); Rospond, Laurie (GOV); Stoken, Laura (GOV)
Subject: City of Flint EM'S FINAL ORDER

Dennis & Beth,

Please find attached the City of Flint EM's Final Order. The EM's exit letter is expected to be sent to the Governor's office shortly. I have not heard that Jerry's final exit letter has been revised significantly from the draft I sent over on Friday. I will send the final letter upon receipt.

Thank you.

Ann M. Storberg
Senior Advisor to State Treasurer
Michigan Department of Treasury
Office (517) 373-8638
Cell PPI

From: Storberg, Ann Marie (TREASURY)
Sent: Tuesday, April 28, 2015 2:21 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Saxton, Thomas (Treasury); Workman,

Wayne (MSHDA); Koryzno, Edward (Treasury); Khouri, Nick (TREASURY); Redford, James (GOV); Bedan, Morgan (GOV); Sampson, Jeremy (TREASURY); Wisniewski, Wendy (GOV); Lukasik, Liz (GOV); Breslin, Brian (GOV); Harden, Carolyn (GOV); Byrne, Randall (Treasury); Headen, Frederick (Treasury); Rospond, Laurie (GOV); Stoken, Laura (GOV)
Subject: City of Flint EM Transition Plan for TODAY & TOMORROW - Materials and Communication Plan

Dennis & Beth,

PLEASE NOTE REVISIONS TO DATES FROM MY PREVIOUS EMAIL (DATES HAVE MOVED UP BY ONE DAY). SEE REVISED COMMS PLAN ATTACHED.

With the exception of the change in date, the following events outlined below are unchanged from my email sent out this past Friday.

The proposed schedule for today (April 28th) and tomorrow (April 29th) – items listed in order of occurrence:

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2. On April 29th, EM Jerry Ambrose issues final order *[this document has been revised from the previous draft sent last week – I will distribute final version of the EM's final order as soon as it is available]* outlining duties of the mayor, city council and soon-to-be-appointed RTAB, effective immediately. This needs a time stamp, either through the Clerk or by transmitting it in an email. Jerry to notify Treasury of issuance.

3. ONLY AFTER NOTIFICATION OF FINAL ORDER BEING ISSUED - Governor's Office issues termination letter to Jerry Ambrose. A copy of the letter is attached. Transmittal of signed letter by email to include a time stamp.

4. AFTER CONFIRMATION OF TERMINATION LETTER BEING SENT - Governor's Appointments Office transmits appointment letter for RTAB. A copy of the letter is attached.

Summary of Governor's Transition Advisory Board Appointment Letter –

The Governor's letter appointing the RTAB contains the following requirements: enforcement of the requirements contained in the EM's final order; recommendation of modifications or termination of the EM's final order; formal evaluation of the City's financial and operational progress and sharing of that information with city officials, residents and stakeholders. The letter also contains conditions which must be satisfied before receivership is waived. These are implementing the Financial Officials Association best practices; implement charter amendments consistent with applicable model charters, and completion of financial and managerial training by city officials.

Pursuant to the updated Communication Plan, a press avail is scheduled for 1:30 pm on Wednesday, April 29th.

Please do not hesitate to let me know if you have any questions. Thank you.

Ann Storberg
Senior Advisor to State Treasurer
Michigan Department of Treasury
430 West Allegan Street
Lansing, MI 48922
Office (517) 373-6638
Cell PPI
Storberga@michigan.gov
NOTICE: *This message is intended for the named recipient(s) only and may contain confidential, privileged, or private information exempt from disclosure under Michigan law. If you have received this message in error, do not forward, share, save or duplicate it. Please reply and notify me of the error in transmission and then delete the message. Thank you..*

CITY OF FLINT

OFFICE OF THE EMERGENCY MANAGER

Gerald Ambrose
Emergency Manager

April 28, 2015

Honorable Rick Snyder
Governor of Michigan
111 South Capitol Avenue
Lansing, MI 48909

Dear Governor Snyder:

The City of Flint has been in a state of receivership since your declaration of a financial emergency in November 2011. Since that time a number of substantial changes have been implemented and I feel that the financial emergency has been sufficiently addressed. I feel it is appropriate to relinquish my position as Emergency Manager (EM) at this time.

As you are aware, I was appointed Emergency Manager on January 13, 2015, under the authority of PA 436 of 2012. I am the fourth EM to serve the City of Flint; my predecessors were Michael K. Brown (PA 4 and PA 436), Edward Kurtz (PA 72 and PA 436) and Darnell Earley (PA 436). Each EM took major steps toward rectifying the financial emergency. These steps included implementing budgetary and financial best practices, restructuring the City departmental organization, implementing new means and levels of service provision, and preparing the City for long term stability.

Addressing the Financial Emergency:

At the time of placement into state receivership, the City of Flint was a city in financial crisis, characterized by accumulated deficits in the General Fund and Water Fund, marginal cash flow, and unsustainable legacy costs. At the conclusion of FY12, the fiscal year in which an Emergency Manager was appointed, the City's General Fund deficit stood at $19.1 million; its Water Fund had a deficit of $8.8 million; and cash flow was $13 million, or less than one month's expenses. Unfunded OPEB liabilities were more that $850 million.

Addressing these issues and putting Flint back onto a path to sustain financial solvency has been difficult for taxpayers, employees, retirees, and those utilizing city services. Taxes and fees have been raised, including a voter approved six mill special levy for police and fire; a special assessment for street lighting; waste collection was changed to a fee for service from a millage rate; and increases in utility rates to among the highest in the state. Services have been reduced to marginal levels (including public

safety), as the workforce and employee compensation has shrunk by more than 20%. And, retirees have seen their cost of retiree health care increase.

As a result, much progress has been made:

- The deficits in the General Fund and Water Fund have been addressed. The Water Fund is now solvent, although not at the level indicated as adequate; and the remaining $7 million General Fund deficit will be eliminated by June 30, 2015, with a loan authorized by the Emergency Loan Board. City wide cash flow is now more than $67 million.
- New ordinances addressing the achievement and maintenance of financial sustainability have been enacted by the City Council, with support of the Mayor. These ordinances include the requirement for creation and maintenance of a strategic plan; requirement for creation and maintenance of a biennial budget and five year financial projections; establishment of a fund balance reserve, including establishment of a budget stabilization fund; establishment of a requirement to begin funding of OPEB liabilities; and an update of the City's purchasing ordinance.
- Long term liability costs have been reduced significantly. $850 million in OPEB liabilities have been reduced to $240 million, and new employees are given a contribution towards future health care costs at retirement instead of the promise of retiree health care. Current retirees now pay a significant amount towards their health care. Multipliers for remaining employees in defined benefit programs have been reduced, and new employees are enrolled in a hybrid pension plan, which has less long term liability for the City. The Flint Employees Retirement System has been dissolved, with pension administration now handled by the Municipal Employees Retirement System.
- The structure of the City organization has been changed significantly. A new City Administrator has been hired, selected on the basis of professional expertise, and with expanded control over daily activities of the City. The workforce has been reduced by more than 20%, and City operations have been reorganized into four program areas. Waste collection and demolition is no longer being done internally, 911 operations will be transferred to the County effective July 1, 2015, and the City-funded 68th District Court is expected to become part of the County- funded 67th District Court in January, 2016. The purchase of water is now planned to come from the Karegondi Water Authority instead of the Detroit Water and Sewerage Department. Collective bargaining contracts have also been revised; increasing flexibility for management and setting the stage for permanent reductions in legacy costs. Partnerships have been established to improve the level of parks maintenance. Senior Centers are now run by independent non-profit organizations, with reduced assistance from the City; and the City golf courses have been leased to private operators.
- The City has put into place a plan for long term stabilization and future development. A new Master Plan (the first since the 1960's) has been adopted, a new Capital Improvement Plan has been completed, and a new framework for a Blight Elimination Plan has been developed. A new zoning ordinance is well on its way to completion. Each of these major planning pieces significantly engaged members of the community and the final products were approved by the Flint City Council, with the support of the Mayor.

- A Blue Ribbon Committee on Governance was established by EM Earley in 2014. The committee recommended a number of Charter revisions and recommended the election of a Charter Review Committee. In November 2014 the voters in Flint approved several revisions to the current Charter and also approved establishing a Charter Review Commission, the members of which will be elected in May 2015. The Commission will consider whether to maintain the current Strong Mayor form of governance or to propose a new Council-Manager format.
- A formal assessment of the values of both Hurley Hospital and the City's utility system have been completed; and concluded that no change in ownership status would be beneficial at this time.

Continuing Challenges:

Significant work has been accomplished to resolve the conditions which put the City of Flint into State receivership. However, there also still exist several major challenges which will require continued work on the part of the City leaders:

- Retiree health care continues to be a significant concern as the City still faces a federal lawsuit over its decision to change (but not eliminate) health care for current retirees. While the City is currently operating under a judge's order which allows modification of the City's historical level of health care for retirees, a loss could have an impact of more than $5 million annually.
- The five year revenue projections still identify a structural deficit. Annual costs for wages and fringes will continue to rise at an approximate 2.4% rate. There is not a comparable increase in projected revenue, which is closer to 1%. While it may be possible to continue the low level of services that Flint now provides for a short while, even that level will be in jeopardy without a long term sustainable new source of revenue. The low level of services that Flint currently provides is not at the level which will help the City to become an attractive place to live, work, study, and play.
- Aging water and sewer systems designed to serve twice as many customers as the number now using the systems have resulted in water and sewer rates that are among the highest in the state. This is another factor impeding the City's ability to attract and retain businesses and residents. There needs to be a concerted effort to reduce rates by as much as 50%, but that cannot even be contemplated without the commitment of financial assistance from the state and federal governments. While the decision to join with Genesee County in the creation of the KWA will result in costs for purchasing water increasing at a rate less than historically paid to the previous supplier, it will not be sufficient to lower costs.
- Continuing voter support for special millages financing public safety is a concern. In 2012 voters approved a 6 mill property tax levy for police and fire, bringing Flint's total level to within 1 mill of its maximum 20 mill limit. This millage, plus one for 2 mills approved some time ago, are expiring in 2017, and without renewal, the resulting level of public safety services, even with the current level of greatly appreciated State Police support, would be unworkable. This was recently confirmed by an evaluation of the organization and staffing for both the Police and Fire departments. The evaluations found both departments are understaffed, but the understaffing situation is significantly more acute in the Police Department, where it was noted that comparable cities have on average 100 more officers on the street than Flint does.

- Equally important to providing State support in the form of Michigan State Police has been the financial commitment by the State to fund the City's lock up at a cost of more than $2.5 million annually – without which there would be no lock-up. Both FPD and MSP have noted that the opening of the City's 72-hour lock-up has been a key component in the reduction in crime.

Emergency Manager's Recommendation:

Section 22(1) of P.A. 436 of 2012, the Local Financial Stability and Choice Act, provides that if the Emergency Manager determines that the financial emergency has been rectified, he or she is required to inform you and the State Treasurer. Based on the examples presented above, I am prepared to say that I have determined the financial emergency in the City of Flint has been rectified. In addition, as required by Section 21(1) of the Act, a two-year budget has been implemented and all bargaining unit contracts have been settled.

Although the financial emergency has been resolved, I recommend the appointment of a Receivership Transition Advisory Board (RTAB) as allowed by Section 23 of the Act. I believe it is critical that the RTAB oversee and provide guidance to the City as they address the continuing challenges facing the City of Flint and complete transition back to full local control.

The path to sustainable financial solvency for the City of Flint will be very difficult, but doable. The new financial policies and practices, and the new organizational structure, are designed to assist City leaders in achieving this goal. Achieving the goal will allow City leaders to become a positive force in leading the City to become an attractive place to live, work, study, and play. I applaud the efforts of the Mayor and Council members who have worked actively and positively to effectuate these changes and are committed to carrying them into the future.

If, however, the new policies, practices, and organizational changes are ignored in favor of returning to the historic ways of doing business, it is not likely the City will succeed over the long term. The focus of City leaders will then likely once again return to confronting financial insolvency.

I have greatly appreciated the opportunity to have been of service to the City of Flint and to the State of Michigan.

Sincerely,

Gerald Ambrose
Emergency Manager
City of Flint

Cc: Nick A. Khouri, State Treasurer

From: Hollins, Harvey (GOV)
Sent: Tuesday, October 13, 2015 5:28 PM
To: Muchmore, Dennis (GOV)
Cc: Wurfel, Sara (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Redford, James (GOV); Posthumus, Dick (GOV); Lange, Michelle (GOV); Wisniewski, Wendy (GOV); Thomet, Ruth (GOV); Rospond, Laurie (GOV)
Subject: Re: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint

I agree.

Given the Flint River was already set as a backup source for Flint, did the Michigan Department of Environmental Quality need to give the go ahead to the city to start using the Flint River as its source of drinking water, or was DEQ simply in the position to certify testing of the source for use?

On Oct 13, 2015, at 4:49 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

> This guy has already been told they don't have the documents requested. Hard to send him something they don't have.
>
> **From:** Wurfel, Sara (GOV)
> **Sent:** Monday, October 12, 2015 2:25 PM
> **To:** Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>
> **Cc:** Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>; Rospond, Laurie (GOV) <rospondl@michigan.gov>
> **Subject:** RE: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint
>
> And looping in leg team here too … hit send too fast earlier.
>
> **From:** Wurfel, Sara (GOV)
> **Sent:** Monday, October 12, 2015 2:24 PM
> **To:** Dennis Muchmore <muchmored@michigan.gov>; Beth Clement <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
> **Cc:** Wendy Wisniewski <wisniewskiw@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>
> **Subject:** FW: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint
> **Importance:** High
>
> Please see below. Making sure I understand full back story on this, but FYI.
>
> Let me know if anyone has additional background or insight, otherwise tracking down with DEQ.
>
> **From:** Gary Ridley [mailto:GRIDLEY@mlive.com]
> **Sent:** Monday, October 12, 2015 1:39 PM

To: Bitely, Andrea (AG) <BitelyA@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Comment sought on Rep. Phelps Files Suit Against State of Michigan, City of Flint

Hi,
I wanted to see if the state had any comment in response to this lawsuit.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

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From: Rosemary Jones [mailto:RJones@house.mi.gov]
Sent: Monday, October 12, 2015 1:33 PM
To: Rosemary Jones
Subject: Rep. Phelps Files Suit Against State of Michigan, City of Flint

FOR IMMEDIATE RELEASE
Monday, Oct. 12, 2015

Contact: Rep. Phil Phelps
Phone: (517) 373-7515

Rep. Phelps Files Suit Against State of Michigan, City of Flint

State, city failed to release documents sought in FOIA request

LANSING — State Representative **Phil Phelps** (D-Flushing) announced earlier today that he is filing suit against the state of Michigan and the city of Flint to force them to release public documents he requested last month under the Freedom of Information Act (FOIA).

"It's an absolute shame that I have to file suit to force our government to comply with the law," Phelps said. "I was shocked at their response, because prior to receiving the denials, officials from both the city and state had told me that not only did documents exist, but they would be happy to share them with me."

On Sept. 4 of this year, Phelps requested that the city and state turn over all documents and emails regarding the permit and application process that Flint's emergency manager was required to complete before the Michigan Department of Environmental Quality gave the go ahead to the city to start using the Flint

River as its source of drinking water. Late last month, the state and the city both denied Phelps' request, saying that no such documents exist.

In March and April of 2014, officials from both the city and state were also quoted in several articles on Mlive.com, making comments about the permit application process for Flint to switch its source of drinking water from Detroit's system to the Flint River.

"I want to know what these officials knew about the safety and quality of the river water before the switch was made. Judging by their response and recent actions, it almost seems they knew a lot more than they are letting on to," Phelps said. "Flint residents deserve better than this, they deserve to know the truth about the decisions that were made, and if I have to fight this in court to get the truth, so be it."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
PPI
housedems.com

From:	Workman, Wayne (TREASURY)
Sent:	Tuesday, December 09, 2014 12:40 PM
To:	Muchmore, Dennis (GOV); Clinton, Kevin (TREASURY); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)
Cc:	Saxton, Thomas (Treasury); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Baird, Richard (GOV); Dempkowski, Angela (Treasury)
Subject:	December 2014 Gov Memo and Summary
Attachments:	December Governor's Memo V.docx; December436Summary.docx

All: Attached please find an update of issues and actions regarding distressed local governments and school districts through November 2014. Let me know if you have any questions or need additional information.

Wayne Workman | Deputy State Treasurer
State of Michigan | 430 W. Allegan Street | Lansing, MI 48922

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: December 9, 2014

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Flint
Emergency Manager: Darnell Earley
Appointed: November 28, 2013
Anticipated Exit: April 2015

Recent Developments

- Two City Council seats will be vacant as of January 1, 2015 due to the members being elected to higher offices. A committee consisting of the Mayor and City Council is working with the Emergency Manager to review interested applicants for the vacant City Council positions.
- City officials are attempting to increase the City's income tax rate, which Treasury supports and must be approved by the legislature. State Representative Stanley is the lead on this initiative. Should the legislature approve the increase, the City will place this question on the November 2015 ballot.
- Six Charter amendments and a general Charter revision question were on the November 4, 2014 ballot. The following proposals passed:
    - Proposal 1 – Triggers a full review of the charter. A nine-member Charter Review Commission will be elected in May 2015.
    - Proposal 2 – Reduces the number of mayoral staff appointments from no more than ten to no more than five.
    - Proposal 3 – Adds a Charter amendment to require budgetary best practices.
- Three finalists were selected for the City Administrator position. Background and reference checks are being conducted on the preferred candidate now, with a goal to bring the person on board in February 2015.
- City officials met last month with the DEQ, and as a result of that meeting, prepared an operational plan to reduce the formation of disinfection by-products. They have exceeded the standard which is primarily the result of using water from a different source, namely the Flint River. This is anticipated to be mitigated once the City begins using Lake Huron water from the Karagondi pipeline. A DEQ violation notice will go out next week which will require the City to issue a public notice. The violation is expected to continue for a while because it takes time to resolve this problem.

Significant Actions/Issues

- The City has contacted the Michigan Health Endowment Fund at MDCH to determine if grant funds are available to assist citizens who are unable to pay their water/sewer bills.

- The accumulated deficit for FY 2013 was $12.9M; the City reduced the deficit by $3.9M to $9M in FY 2014 (unaudited).
- A $1.1M State appropriation was received to fund front-line public safety positions for FY 2015.
- The Genesee County 911 Consortium approved the City of Flint's return to the county-wide system by July 1, 2015. This will result in approximately $1M in annual savings to the City. Currently, the City spends $2.4M annually to subsidize its own 911 operations.
- A comprehensive public safety study, being prepared by ICMA, is due by year end.

Issues to Resolve before EM Exit

- Eliminate annual operating/structural deficit, which is projected at $1.7M for FY 2017 and grows to $11.9M by FY 2019 if the City loses the lawsuit over retiree healthcare. If the City loses this lawsuit, it will permanently add $5M annually to the cost of retiree healthcare. The City's current budget does not assume this additional $5M potential expense.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

EMERGENCY MANAGER				
Unit of Government	**Current Emergency Manager**	**Initial Appointment Date**	**Target Exit Date**	**Notes**
City of Flint	Darnell Earley	November 28, 2011	April 2015	* A $1.1M state appropriation received to fund front-line public safety positions for FY 15. * Accumulated deficit for FY 14 was $12.9M; City reduced deficit by $3.9M to $9M in FY 14 (unaudited).

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From: Muchmore, Dennis (GOV)
Sent: Thursday, January 29, 2015 6:48 PM
To: Walsh, John (GOV); Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV)
Cc: Posthumus, Dick (GOV); Rospond, Laurie (GOV); Agen, Jarrod (GOV); Brownfield, Michael (GOV)
Subject: RE: Letter of Appeal for Flint

I suggested to Dave Murray that he get a confirmation from John Roberts that the money is indeed available to be distributed just for confirmation sake. We've all been around enough of these to make sure our i's are dotted and t's crossed before we go out publicly.

From: Walsh, John (GOV)
Sent: Thursday, January 29, 2015 5:09 PM
To: Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV); Agen, Jarrod (GOV); Brownfield, Michael (GOV)
Subject: RE: Letter of Appeal for Flint

We can work with the Legislative staff and prepare a response. Please note that Flint will be a recipient of $2 million in awards under the Financially Distressed Cities and Townships program - $900,000 for water and $1.1 million for the incinerator. This has not been announced publicly – Treasury will be circulating internally their overall recommendations late this afternoon or tomorrow morning. We can coordinate how this information might be disseminated with Comms to assist with our messaging in Flint (I added Jarrod to this email chain).

From: Wisniewski, Wendy (GOV)
Sent: Thursday, January 29, 2015 4:55 PM
To: Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV)
Subject: FW: Letter of Appeal for Flint
Importance: High

FYI

From: Rep. Sheldon Neeley (District 34) [mailto:SheldonNeeley@house.mi.gov]
Sent: Thursday, January 29, 2015 4:02 PM
To: GovernorsOffice
Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech
Subject: Letter of Appeal for Flint
Importance: High

Dear Gov. Snyder,
Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative
34th District - Flint
N-798 House Office Building
P. O. Box 30014
Lansing, MI 48909
Office: (517) 373-8808
Toll Free: (844) 4-NEELEY
FAX: (517) 373-5997
E-mail: sheldonneeley@house.mi.gov
Web: http://neeley.housedems.com

From: Saxton, Thomas (Treasury)
Sent: Tuesday, February 10, 2015 6:25 AM
To: Muchmore, Dennis (GOV)
Cc: Workman, Wayne (TREASURY); Wisniewski, Wendy (GOV)
Subject: Re: A couple of things

Darnell's contact information:

PPI

Re Flint water... we should hopefully have something late today or tomorrow. Wayne's guys have a table with the historical rate info you wanted. They are putting together the reconnect $info. I want to make sure though that Jerry A. is comfortable with the numbers, etc.

PPI

From: Muchmore, Dennis (GOV)
Sent: Monday, February 9, 2015 11:35 AM
To: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY)
Subject: A couple of things

1. I need Darnell Earley's new email and phone;
2. Do we have the numbers on the Flint project: Pre cost of DWSD cut off/Present cost for users? Cost of reconnect on Flint end?
3. Discussion with KWA contractors to get a fix on timeline for construction.

From: Saxton, Thomas (Treasury)
Sent: Wednesday, February 11, 2015 12:22 PM
To: Muchmore, Dennis (GOV)
Cc: Hollins, Harvey (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY)
Subject: Flint water
Attachments: FlintWater.pdf

Importance: High

Dennis – the attached pdf is the memo & table that hopefully addresses some of the info needs stemming from the meeting with the pastors last week. Jerry A. has looked at this document as well. In terms of key items at this point (that are mentioned in the memo)….

KWA may be hooked up by the end of this calendar year; weather permitting, etc. Even allowing for some slippage that is positive news

Whether you hooked to DWSD thru the county or directly; it is a $1mm add'l impact to the budget… an add'l 30% increase in rates over existing

They have $2mm already baked in the budget to fix that two mile 'bad' section of pipeline that might address a good portion of the current issues

They now have an outside consultant on the ground who is suppose to provide some preliminary indications next week to help improve the situation

Don't forget about the $2mm SRF loan restructuring (which we have not officially put on the table). Those $s would be available for more system improvements.

Again, sorry this took as long as it did. Let us know if this is what you had in mind or if you need anything else. Wayne – chime in if I missed anything.

See you @ 1:30

72 (Rev. 11-13)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: February 11, 2015

TO: Tom Saxton, Chief Deputy Treasurer

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: City of Flint Water Rates

Attached and below is information regarding the increase in water and sewer rates for the City of Flint since 2010.

- The data shows the significant deficit position of the water fund which was not rectified until 2013 when water rates were increased by 26%. The data also shows the lack of capital investment for a system as old as Flint.

- This condition is acknowledged in the City's recently adopted Capital Improvements Plan which identified approximately $50M in needed capital improvements over the next several years. This deficiency was also noted in the rate study commissioned by the City of Flint in 2014.

- According to the City, if Flint reconnected to DWSD for the next 18 months, the estimated monthly cost would be more than $1M per month totaling approximately $18M. This includes a fixed monthly charge of $846,700 plus the cost of actual water usage, minus the cost of operational expenditures at the Water Treatment Plant. Even with the elimination of future capital improvements, most of the additional cost would need to be funded with an additional increase to existing rates. Such an increase could approach 30%.

- The option of purchasing DWSD water from the County would be on parity with purchasing water directly from DWSD.

- The KWA previously advised the City that the connection to KWA may take place in mid-2016, but has now stated that weather conditions permitting, the connection could be made as early as December 2015.

- The $8M capital costs to upgrade the Water Treatment Plant was made to be able to treat both river water and KWA water. This upgrade has been funded with the cost reduction in operating costs achieved by not buying water from DWSD during the interim period.

- As you are aware, the City has retained Veolia as an outside water consultant to assist in maintaining the safety and improving the quality of water produced by its water system, and their initial analysis is due to be completed within the next two weeks. In addition, the City's current budget includes $2M for replacement of a 2-mile pipeline segment that is anticipated to significantly address some of the current water issues.

Average monthly bill in 2015 - note that water and sewer are not billed separately; the charges are included within the same bill regardless of water usage.

Water service charge	$22.90
Sewer service charge	$34.48
Total service charge	$57.38

Per unit rate:	
Water	$ 7.92
Sewer	$ 5.17
Total per unit	$13.09

Average family of four uses 7 units per month.
Their bill for usage would be: 7 x 13.09 = 91.63 + 57.38 service charge = $149.

If additional information is desired, please let me know.

City of Flint Water Rate History

Year (Date Effective)	Average Monthly Water/Sewer Bill*	Percentage Change in Water/Sewer Rates	Water Fund** Total Operating Revenue	Water Fund** Unrestricted Net Position	Water Fund** Capital Improvements
2010	$64	12%	$31,956,754	-$5,795,973	$2,091,160
1/15/2011	$82	29%	$36,762,663	-$12,443,265	$1,403,916
9/16/2011	$111	35%			
7/1/2012	$111	26%	$44,854,439	-$8,758,091	$755,681
2013	$140	0%	$49,903,868	$834,447	$147,462
07/01/13 to 06/30/14	$140	0%	$43,552,152	$760,745	$3,301,700
07/01/14 to 06/30/15	$149***	6%	N/A	N/A	N/A

Note* Water rate information is based on average usage of 7 units per month with a 5/8" residential remote meter.

Note** Water fund information was compiled from the City of Flint's CAFR filed with the Michigan Department of Treasury.

Note*** Billing breakdown contained in attached memo.

From: Workman, Wayne (TREASURY)
Sent: Monday, March 23, 2015 1:24 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Roberts, John (DTMB)
Cc: Allard, Claire (GOV); Clinton, Kevin (TREASURY); Saxton, Thomas (Treasury); Storberg, Ann Marie (TREASURY); Gelisse, Ashley (TREASURY); Wisniewski, Wendy (GOV); Dempkowski, Angela (Treasury); Koryzno, Edward (Treasury)
Subject: FW: Local Government Update to State Treasurer/March 2015
Attachments: Gov Memo March Final.docx

Allison, Attached is the periodic update on distressed local governments. Please pass on to the Governor as appropriate. This will be the basis for our Local Government briefing March 30. Please call with any questions. Wayne

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: March 23, 2015

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Flint
Emergency Manager: Gerald Ambrose
Appointed: January 13, 2015
Anticipated Exit: April 2015

Recent Developments

- The city was awarded $2M through the Financially Distressed Cities, Villages, and Townships Grant Program. These funds will be used to enhance the city's water system through improved waste management, leak detection, and pipe assessments.
- An EM Order is being prepared that will restructure its SRF loans. This would free up approximately $2.2M allowing the city to further improve its water system.
- The City of Flint had informed residents that it is in violation of the Clean Water Standards Act, after unsafe levels of trihalomethanes (TTHM, a disinfectant by-product) were found in the water. Recent testing by the Michigan Department of Environmental Quality (MDEQ) Testing Lab showed that the total TTHM levels for the month of February are well within the Environmental Protection Agency (EPA) guidelines for safe water. However, because EPA regulations require that the four month average for all testing sites be within certain guidelines, the city is still considered to be non-compliant by the MDEQ. Monthly testing will be ongoing, and is being conducted by several parties.
- The city hired Veolia to provide an analysis of the water system, including recommended improvements, and associated costs. Recommendations included water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. On March 19, 2015, the report was presented to the Flint Water Advisory Committee, but the presentation broke down due to citizen unrest. An International City/County Management Association (ICMA) comprehensive public safety study has been completed, and was presented to the City Council on January 22, 2015. Several recommendations for both police and fire are currently being reviewed. Of the 16 major recommendations for public safety, the following four are most crucial:

    - Establish more aggressive protocols for responding to service demands from the public.

- Equip a minimum of one marked patrol car with an automated external defibrillator (AED) and an automatic license plate reader, and equip every car with e-ticket readers and printers.
- Develop a robust in-service training program.
- Establish and publish a clear multi-year strategic plan that includes specific performance goals and objectives for all units.

Significant Actions/Issues

- The General Fund accumulated deficit for FY 2014 was $9M. In FY 2013, the General Fund had an accumulated deficit of $12.9M. Noted reductions included $5.6M from Parks & Recreation, 2.6M from Community Development, 1.8M from Public Safety, and $1.7 from Building Inspections.
- If the city loses the lawsuit over retiree healthcare, the budget does not assume this potential additional $5M to $6M expense, which will grow at a rate equal to the general rise in healthcare costs.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From:	Workman, Wayne (TREASURY)
Sent:	Friday, May 15, 2015 11:42 AM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc:	Baird, Richard (GOV); Wurfel, Sara (GOV); Wisniewski, Wendy (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Koryzno, Edward (Treasury); Roberts, John (DTMB); Allard, Claire (GOV); Workman, Wayne (TREASURY)
Subject:	Local Government Update
Attachments:	Loc Gov Update May 2015.docx

Allison, Dennis, and Beth: Attached is the periodic update on distressed local governments. Please pass on to the Governor as appropriate. If you have any questions, please don't hesitate to call. Wayne

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: May 15, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Stressed Local Governments

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Flint

RTAB Appointed: April 29, 2015

RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

- A clerical error by the Flint City Clerk's Office gave candidates the wrong cutoff deadline to file nominating petitions, April 28 instead of April 21. Consequently, in the Mayor's race, Mayor Dayne Walling, Councilman Wantwaz Davis, and Dr. Karen Weaver will all be left off the August Primary ballot and will have to run as write-in candidates in November. Councilman Eric Mays did not submit the required number of signatures and will likewise be left off the ballot for Mayor and will also have to run as a write-in candidate. Councilman Herbert Winfrey will be on the ballot and is unopposed for the Sixth Ward seat on the City Council. There were four candidates who filed petitions for the Third Ward City Council seat. Legislators will be asked to provide a statutory fix to allow names on the ballot. If this isn't successful, all will be forced to run as write-in candidates in the General Election.
- Jodi Lundquist has accepted the employment offer as CFO. Her start date is to be determined subject to RTAB approval.
- On April 29, 2015 the city exited emergency manager status and an RTAB was appointed. The first RTAB meeting will be held on June 10, 2015.
- On April 29, 2015, the Emergency Loan Financial Assistance Board approved a $7M Emergency Loan that will eliminate the city's remaining deficit when combined with the FY surplus of $20M.

- EM Gerry Ambrose issued an EM Order on March 19, 2015 that restructured the State Revolving Fund loans and provides approximately $2.2M, allowing the city to invest in capital improvements to the water system.
- EM Gerry Ambrose implemented new Budget Purchasing Ordinances and a Fund Balance Policy during April 2015.
- The Executive Director of the State Tax Commission notified the city that it must maintain adequate assessment records in compliance with state statute, State Tax Commission rules, and implement any corrective actions necessary. In addition, the city shall implement a full appraisal within a time frame agreed with the State Tax Commission.
- The City of Flint continues to inform residents that it is in violation of the Clean Water Standards Act, after unsafe levels of trihalomethanes (TTHM, a disinfectant by-product) were found in the water. Recent testing by the Michigan Department of Environmental Quality (MDEQ) Testing Lab showed that the total TTHM levels for the month of March are well within the Environmental Protection Agency (EPA) guidelines for safe water. However, because EPA regulations require that the four month average for all testing sites be within certain guidelines, the city is still considered to be non-compliant by the MDEQ. Monthly testing remains ongoing and is being conducted by several parties.
- The city hired Veolia to provide an analysis of the water system, including recommended improvements and associated costs. Recommendations included water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city is installing a $1.5M granulated active-charcoal filter to improve water quality. This filter installation will be completed in mid-July.
- In April, EM Gerry Ambrose issued two EM Orders that adopted a two-year budget for FY 17 and FY 18 and outlined the relationship between the Administrator, Mayor, and City Council.
- On April 13, 2015, EM Order 4 was issued that restored the pay of the Mayor and City Council members.
- The City Council approved a memorandum of understanding that will consolidate the 67th District Court with the 68th District Court in January 2016. The city has estimated that the consolidation will save the city $8M over a ten year period.
- The Michigan Municipal League is recruiting qualified candidates to fill the open Human Relations Director, Finance Director, and City Treasurer positions.
- Voters elected John Cherry, Charles Metcalf, Barry Williams, Cleora Magee, Jim Richardson, Brian Larkin, Victoria McKenze, Marsha Wesley, and Heidi Phaneuf to serve on the Charter Commission.

Significant Actions/Issues

- On February 3, 2015, the city was awarded $2M through the Financially Distressed Cities, Villages, and Townships Grant Program. These funds will be used to enhance the city's water system through improved waste management, leak detection, and pipe assessments. Pre-planning for implementation of these activities is underway.
- If the city loses a lawsuit over retiree healthcare, the EM's two-year budget does not assume this additional $5M to $6M annual expense, which will grow at a rate equal to the general rise in healthcare costs.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From: Workman, Wayne (TREASURY)
Sent: Friday, July 10, 2015 12:49 PM
To: Snyder **PPI**
Cc: Scott, Allison (GOV); Muchmore, Dennis (GOV); Roberts, John (DTMB); Allard, Claire (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Storberg, Ann Marie (TREASURY); Wisniewski, Wendy (GOV); Dempkowski, Angela (Treasury); Koryzno, Edward (Treasury); Clement, Elizabeth (GOV); Walsh, John (GOV); Redford, James (GOV); Headen, Frederick (Treasury); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY); Durfee, Sally (TREASURY)
Subject: Local Gov. Update - 7-10-15
Attachments: LG Update 7-10-15.docx

Attached is the periodic update on distressed local governments. If you have any questions, please call.

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: July 10, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

Not Responsive

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB)

Redacted Pages 1-3

Not Responsive

Not Responsive

Flint
RTAB Appointed: April 29, 2015
RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

Not Responsive

- U.S. District Judge Stephen J. Murphy denied a motion for a preliminary injunction on June 23, 2015, to force the city to purchase water from the City of Detroit.
- On June 12, 2015, the Michigan Court of Appeals reversed a decision by Genesee County Circuit Judge Richard Yuille, who dismissed a claim that the city violated its own ordinances when the Emergency Manager raised water and sewer rates in 2011.

Not Responsive

- The city continues to inform residents that it is in violation of the Clean Water Standards Act. Monthly testing is ongoing.
- The city is implementing Veolia recommended improvements to its water system, including water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city is installing a $1.5M granulated active-charcoal filter to improve water quality. This filter installation will be completed in mid-July.
- The city hired Echologics at a cost of $895,850 to perform a leak detection study. This project is scheduled to begin in July 2015.
- The KWA pipeline is expected to be completed in June 2016. The two pump stations are 75% complete and the intake should be completed in August 2015.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

From: Workman, Wayne (TREASURY)
Sent: Wednesday, July 29, 2015 8:36 AM
To: Muchmore, Dennis (GOV); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Clement, Elizabeth (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV)
Subject: FW: Updated Memo on Water Coalition Questions - July 29
Attachments: Memo on Water Coalition Questions III.07-29-15.docx; Flint Water Rate History FINAL 02.11.15.pdf

Importance: High

All, Attached is a memo and water rate summary answering several of the questions raised by the Flint pastors. Please let me know if you have any questions. Wayne

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Cline, Richard (Treasury)
Sent: Wednesday, July 29, 2015 8:21 AM
To: Workman, Wayne (TREASURY)
Cc: Dempkowski, Angela (Treasury); Byrne, Randall (Treasury)
Subject: Updated Memo on Water Coalition Questions - July 29
Importance: High

Wayne,

Attached is the water rate table you asked for and I have updated the memo to reference this as an attachment.

If you need anything else, please let me know.

Note that Rob, Randy and I will be in Benton Harbor for a portion of today conducting their annual RTAB evaluation.

Eric Cline | Department Manager
State of Michigan | Michigan Department of Treasury | Office of Fiscal Responsibility
430 W. Allegan Street, 3rd Floor | Lansing, MI 48922
Lansing Office (517) 335-2078 | **PPI** | Traverse City Office (231) 922-5228
E-mail clinerl@michigan.gov

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STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

TO: Randall Byrne, State Administrative Manager; Office of Fiscal Responsibility

FROM: Eric Cline, Department Manager; Office of Fiscal Responsibility

SUBJECT: Questions Regarding City of Flint Water System

DATE: July 28, 2015

At a July 23, 2015 meeting, Deputy Treasurer Workman posed several questions regarding the City of Flint's water system. This memo is a response to those questions.

The annual cost to the City of Flint to reconnect to the DWSD system

In a March 3, 2015 memo to Deputy Treasurer Workman, Emergency Manager Ambrose noted that he had been informed by DWSD that such a reconnection would immediately levy a fixed cost on the City of $10.1-million per year.

Actual water purchases would be in addition to the fixed cost fee and would be dependent upon actual usage, but the annual cost was estimated to be as high as $1-million/month; making the entire total of a one year connection back to DWSD as high as $22-million. This cost would be reduced to approximately $19-million/year once the City's $3-million annual expense of operating the water system itself was offset.

These calculations were outlined in a March 2015 memo from the Emergency Manager to Deputy Treasurer Workman and update cost projections provided in a February 11, 2015 memo to Chief Deputy Treasurer Tom Saxton.

The Emergency Manager also stated his concern that for the City to be able to pay these costs that water rates charged to Flint residents would need to be increased by a minimum of 30%. Water rate increases between 2010 and 2015 are illustrated in the table attached.

In addition, DWSD was requiring that the City of Flint negotiate a 30-year contract for the provision of back-up services.

The City of Flint's degree of participation in the management of the KWA system

Mayor Dayne Walling is the City's official representative to the Karegnondi Water Authority (KWA). The participation of the Mayor as the official representative for the City of Flint is established in the KWA Articles of Incorporation. Mayor Walling is the current Chair of the Board of the KWA Board of Directors.

Continued use of Flint River water after the City is connected to the KWA system

The City Administrator has confirmed that once the City is fully connected to the KWA system they will no longer continue to use Flint River water.

The Flint River, however, will be the City's primary back-up water source in the event that a major disruption in the KWA system temporarily prevents the City from receiving water.

The process used to hire Veolia

Veolia responded on January 29, 2015, to a Request for Proposal issued by the City of Flint. Emergency Manager Ambrose made the final decision to retain Veolia.

The importance of hydrant flushing

Fire hydrant flushing is an important part of distribution system maintenance. It is useful in determining flow conditions in water mains.

According to information from the American Water Works Association (AWWA), there are two types of hydrant flushing utilized. The most comprehensive method is fire-flow testing.

Fire-flow testing requires hydrants to be opened, flushed, pressure and flow data to be collected and the potential fire flow at a particular point in a water main to be determined.

Hydrant flushing permits any debris to be cleared from a water main. They process of collecting fire flow data allows the determination of water pressure and flow capabilities for fighting fires at any location within a distribution system. It can also help determine the general condition of a system by detecting reduced water flows in a given area.

Status of the GAC carbon filter installation

Six of the twelve filters will be operational by no later than the first week of August.

Activation of the filters is expected to immediately drop the levels of TTHM within the system.

The remaining six filters are projected to be installed and operational by the end of August.

Status of the DuPont Street Water Main Replacement

After an internal review, the City made the decision to rebid this project.

There were multiple reasons for this decision, which included interference with current road projects, the determination that project bids were too high, and bidding timelines which were not favorable to secure quality bids or contractors.

This project will be rebid by the City later this fiscal year.

If you have any questions or need additional information on this topic, let me know. Thank you.

Attachment

<< AUTO PATH >>

City of Flint Water Rate History

Year (Date Effective)	Average Monthly Water/Sewer Bill*	Percentage Change in Water/Sewer Rates	Water Fund** Total Operating Revenue	Water Fund** Unrestricted Net Position	Water Fund** Capital Improvements
2010	$64	12%	$31,956,754	-$5,795,973	$2,091,160
1/15/2011	$82	29%	$36,762,663	-$12,443,265	$1,403,916
9/16/2011	$111	35%			
7/1/2012	$111	26%	$44,854,439	-$8,758,091	$755,681
2013	$140	0%	$49,903,868	$834,447	$147,462
07/01/13 to 06/30/14	$140	0%	$43,552,152	$760,745	$3,301,700
07/01/14 to 06/30/15	149***	6%	N/A	N/A	N/A

Note* Water rate information is based on average usage of 7 units per month with a 5/8" residential remote meter.
Note** Water fund information was compiled from the City of Flint's CAFR filed with the Michigan Department of Treasury.
Note*** Billing breakdown contained in attached memo.

From: Muchmore, Dennis (GOV)
Sent: Monday, August 03, 2015 11:52 AM
To: Lyon, Nick (DCH); Workman, Wayne (TREASURY); Wurfel, Brad (DEQ); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH)
Subject: RE: Updated Memo on Water Coalition Questions - July 29

Can I reprint Nancy's email?

From: Lyon, Nick (DCH)
Sent: Friday, July 31, 2015 10:57 AM
To: Muchmore, Dennis (GOV); Workman, Wayne (TREASURY); Wurfel, Brad (DEQ); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH)
Subject: Re: Updated Memo on Water Coalition Questions - July 29

Our Public Health staff followed up a bit more on the lead question. Below is their email update to me.

From: Grijalva, Nancy (DCH)
Sent: Wednesday, July 29, 2015 11:23 AM
To: Lyon, Nick (DCH)
Subject: FW: Director's Office Assignment -- Flint - need update asap
FYI.....
-----Original Message-----
From: Peeler, Nancy (DCH)
Sent: Tuesday, July 28, 2015 2:57 PM
To: Anderson, Paula (DCH); Miller, Corinne (DCH); Travis, Rashmi (DCH); Moran, Susan (DCH); Grijalva, Nancy (DCH); Fink, Brenda (DCH)
Cc: Priem, Wesley F. (DCH); Dykema, Linda D. (DCH); Bouters, Janese (DCH); Barr, Jacqui (DCH)

Subject: RE: Director's Office Assignment -- Flint - need update asap

I apologize for the delay in responding more specifically to this assignment, it took some time to review our Childhood Lead Poisoning Prevention program data to see if it might contribute to the understanding of the situation in Flint with their water supply. Here is what we found:

We looked at lead testing results for May 2014-April 2015, which is the 12 month time frame just after Flint started drawing their water from the river (water source changed in April 2014).

We compared lead testing rates and lead testing results to the same time frame for the previous 3 years, to see if there were any patterns that suggested that there were increased rates of lead poisoning after the water supply was switched. Per the attached charts –

- Lead testing rates remained about the same from year to year (chart on the right).
- There was a spike in elevated blood lead tests from July-September 2014 (chart on the left, gold line).

- However that pattern was not terribly different from what we saw in the previous three years, especially in 2011-2012 (we are working with our Epidemiologist to statistically verify any significant differences).
- We commonly see a 'seasonal effect' with lead, related to people opening and closing windows more often in the summer, which disturbs old deteriorating paint on the windows, sills and sashes. Window fans frequently blow and spread the lead dust from the deteriorating paint to other parts of the room/house. We suspect that the summer data spike may be related to this effect.
- If the home water supply lines and/or river water were contributing to elevated blood lead tests, we expected that the increased rates would extend beyond the summer, but they drop quite a bit from September to October, stayed low over the winter, and are just starting to tail up again in the spring of 2015.

So upon review, we don't believe our data demonstrates an increase in lead poisoning rates that might be attributable to the change in water source for Flint. We recognize that lead exposure via the water is only a small piece of what may be happening for families in Flint, however, we hope the information is helpful.

Nancy Peeler

From: Muchmore, Dennis (GOV)
Sent: Wednesday, July 29, 2015 9:02 AM
To: Workman, Wayne (TREASURY); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV)
Subject: RE: Updated Memo on Water Coalition Questions - July 29

I think this information is very helpful. It will not answer the main question about the quality of the water (DEQ is working on that through Brad I believe), and the color and smell of the present water, but it does get us to the answers to the less subjective issues. Frankly, the only way the issues will be totally resolved is when the KWA comes on line and the water is perceived to be cleaner and healthier.
I am somewhat surprised that the leadership in Flint has not responded better to the community questions, which don't seem unreasonable at all. Seems like Harvey has a better network into some of the neighborhoods than the city does. The KWA PR department definitely needs to do some outreach or they're headed down the same road as DWSD. Do you know if they go out on a regular basis to the community and talk about the rates, costs, etc.?

From: Workman, Wayne (TREASURY)
Sent: Wednesday, July 29, 2015 8:36 AM
To: Muchmore, Dennis (GOV); Wurfel, Brad (DEQ); Lyon, Nick (DCH); Clement, Elizabeth (GOV)
Cc: Saxton, Thomas (Treasury); Wisniewski, Wendy (GOV)
Subject: FW: Updated Memo on Water Coalition Questions - July 29
Importance: High

All, Attached is a memo and water rate summary answering several of the questions raised by the Flint pastors. Please let me know if you have any questions. Wayne

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Cline, Richard (Treasury)
Sent: Wednesday, July 29, 2015 8:21 AM
To: Workman, Wayne (TREASURY)
Cc: Dempkowski, Angela (Treasury); Byrne, Randall (Treasury)
Subject: Updated Memo on Water Coalition Questions - July 29
Importance: High

Wayne,

Attached is the water rate table you asked for and I have updated the memo to reference this as an attachment.

If you need anything else, please let me know.

Note that Rob, Randy and I will be in Benton Harbor for a portion of today conducting their annual RTAB evaluation.

Eric Cline | Department Manager
State of Michigan | Michigan Department of Treasury | Office of Fiscal Responsibility
430 W. Allegan Street, 3rd Floor | Lansing, MI 48922
Lansing Office (517) 335-2078 | PPI | Traverse City Office (231) 922-5228
E-mail clinerl@michigan.gov

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From: Workman, Wayne (TREASURY)
Sent: Monday, October 05, 2015 12:16 PM
To: Snyder, PPI
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Khouri, Nick (TREASURY); Roberts, John (DTMB); Baird, Richard (GOV); Walsh, John (GOV); Redford, James (GOV); Khouri, Claire (GOV); Wisniewski, Wendy (GOV); Saxton, Thomas (Treasury); Koryzno, Edward (Treasury); Durfee, Sally (TREASURY)
Subject: Local Government Update
Attachments: Gov Memo Oct final.docx; 201508_436Summary.docx

This memo will serve as background for the Local Government briefing scheduled on October 8, 2015 at 9:15 am.

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: October 5, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

Not Responsive

Not Responsive

Flint

RTAB Appointed: April 29, 2015

RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

- On August 7, 2015, a Genesee Circuit Court lawsuit, Shears v. Flint, invalidated a previous 35% increase in water and sewer rates, reverting back to 2011 rates. This injunction also requires the city to repay $15.7M from the General Fund to the Water Fund, prevents the city from collecting certain past due water bills, and from disconnecting water service for nonpayment. The City has estimated that this injunction could potentially cost the General Fund $50M. Thus far, the city's appellate efforts have not been successful. Most recently, Judge Archie Hayman certified Shears v. Flint as a class action.
- As a result of Shears v. Flint decision which required the city to roll back water rates by 35%, the Finance Director on October 1, 2015 estimated that revenue has decreased by $666K per month and projects a loss of $6.6M for the remainder of the fiscal year. In

addition for the period of August 10, 2015 thru September 2, 2015, the city has realized $1.75M less in cash receipts as the same period last year due to a decrease in payment activity.

- Separate litigation was held that Emergency Manager Mike Brown had no statutory authority to later ratify water and sewer rate increases from May of 2012. The city filed an appeal to the Michigan Supreme Court, but the court did not address the appeal because the city missed the filing deadline by one day. The case has been remanded back to Genesee County Circuit Court to resolve some outstanding matters. Treasury is discussing the need for additional legal representation with the city.
- Concerns have been raised about the amount of lead in the city's water system after a study by Virginia Tech University suggests that the amount is much higher than standard testing shows. The city is in compliance with state and federal lead standards but will be adding a corrosion inhibitor into the treatment process to reduce the amount of lead leaching into the system. The city is also providing free and independent water quality testing to residents. Treasury is monitoring this issue closely.
- Mayor Walling has issued a letter to the State requesting $20M in funds to assist the city in making needed capital improvements to its water system plus another $10M to address the issue of lead leaching into the system.
- On September 11, 2015, Genesee County Circuit Court dismissed a case (*Coalition for Clean Water v City of Flint*) to force the city to purchase water from the City of Detroit.

Not Responsive

- The city has been informed they no longer need to inform residents that it is in violation of the Clean Water Standards Act. Results from the first monthly test, since the installation of the granulated active-charcoal filter, showed that the city is in compliance with the federal Drinking Water Act. The city hired Echologics at a cost of $895,850 to perform a leak detection study. This project commenced in August 2015 and is approximately 1/3 complete.

Significant Actions/Issues

Not Responsive

- The KWA pipeline is expected to be completed in June 2016. The two pump stations are approximately 75% complete and the intake is completed.
- The city is implementing Veolia recommended improvements to its water system, including water plant improvements, distribution system improvements, new policies and

procedures, and better communication with customers. The city installed a $1.5M granulated active-charcoal filter to improve water quality. All twelve filters are installed and are in use.

Not Responsive

Not Responsive

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB) - MUNICIPALITIES

Unit of Government	Board Members	Appointment Date	Target Exit Date	Notes

Not Responsive

City of Flint	Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan	April 29, 2015	NA	* As a result of lawsuit decision, city estimates that revenue will decrease by $666K per month and projects a lost $6.6M for remainder of the fiscal year. The injunction requires city to repay $15.7M from the General Fund to the Water Fund. * KWA pipeline expected to be completed in June 2016.

Not Responsive

Not Responsive

Not Responsive

From: Karen Teeples <K_TEEPLES@gcdcwws.com>
Sent: Wednesday, September 02, 2015 11:44 AM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Wisniewski, Wendy (GOV)
Subject: info about KWA from Drain Commissioner Jeff Wright
Attachments: SKMBT_65215090211430.pdf

GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE
JEFFREY WRIGHT
COMMISSIONER
G-4608 BEECHER ROAD, FLINT, MI 48532
PHONE (810) 732-1590 FAX (810) 732-1474

MEMORANDUM

DATE: September 2, 2015

TO: Dennis Muchmore, Chief of Staff, State of Michigan, Office of the Governor
Harvey Hollins III, Director, Office of Urban Initiatives, State of Michigan

FROM: Jeff Wright, Drain Commissioner, Genesee County

SUBJECT: Karegnondi Water Authority
Fact Sheets

Gentlemen,

Find enclosed 3 items as promised at our meeting of August 26, 2015.

1. Original Fact Sheet
   DWSD vs. KWA: 5/1/12

2. KWA Fact Sheet: 9/1/15

3. DWSD Cost of Water

Should you have any questions, do not hesitate to contact me directly at 810-287-1925.

VIA EMAIL: [redacted]

Fact Sheet
City of Flint
DWSD versus KWA

Issue: City of Flint joining Karegnondi Water Authority and leaving City of Detroit water system

Fact: Both the City of Flint and City of Detroit operate their water system via enterprise funds. The water fund does not impact either community's general fund. Leaving the water system will not impact the general fund.

Fact: The City of Flint is a suburban customer of Detroit. If Flint leaves, it only impacts the suburban customer rate, not Detroit's.

Fact: Detroit's own plan calls for (latest available estimate) $1.2 billion dollar improvements to supply redundancy to Flint. If Flint leaves, Detroit avoids this construction cost.

Fact: Detroit and DWSD have experienced bond rating decreases in recent months. If Flint leaves, DWSD avoids a new bond issue and eliminates a capital project from its master plan improving its financial outlook.

Fact: Delivering water to Flint from DWSD is expensive. If Flint leaves, DWSD can reduce its operating and maintenance costs to its contracted customers.

Fact: DWSD has a limited capacity for water treatment and delivery. If Flint leaves, the City can resell that volume to other customers.

Fact: DWSD has multiple drinking water treatment plants. Some are more expensive to operate and maintain than others. Without a commitment to Flint, its largest customer other than the City of Detroit, DWSD may choose to discontinue operation of one or more of its current facilities and realize significant cost reductions to the overall system.

Fact: Flint is not part of the DWSD sewer system. The City of Flint leaving has no impact on the sewer system.

Fact: The creation of the KWA system will create over 1,000 construction jobs in Michigan. Design and construction of the system will take 42 months from July 2012 through December 2015.

Fact: KWA is offering a fixed rate for capital to its customers. Flint joining KWA will give the City a stable rate for upwards of 20 years.

Fact: KWA will offer raw water to the region. Raw water is not enhanced with chemicals, which is undesirable to agribusiness.

Fact: The I-69 corridor/I-75 corridor crosses in Flint. Along with CN and CSX and the pipeline aerotropolis, Flint can be a major transportation center for agribusiness. KWA can provide two products for agribusiness: potable and process (raw) water, and wastewater treatment facilities.

Fact: DWSD does not serve the Thumb region. KWA with its partners will be able to serve both the population with its basic needs: drinking water and the businesses with large quantities of process (raw) water.

Fact: DWSD is the only water supplier for over 4 million residents of the state. The creation of the KWA will create a second water supply system thereby reducing the impact of terrorist attacks on water supplies. With a mutual aid agreement between DWSD and KWA, the system could complement each other.

Fact: DWSD does not provide water supply to major portions of the KWA service area. KWA will provide local municipalities in the thumb region with an alternative water supply to the Arsenic impacted well systems.

In addition, local communities can replace groundwater systems with KWA surface water system and thereby improve local groundwater levels.

The KWA system will provide fire protection service to regions currently not served.

Fact: The current DWSD water system has over 20% water loss in its system. KWA's water supply is expected to have less than a 5% water loss. KWA will provide a more effective use of the waters of the state.

Fact: KWA provides redundant water supply to Flint. Currently, DWSD only provides a single source to Flint. KWA provides multiple supply sources to Flint at a fraction of the cost.

Fact: KWA has offered to purchase excess infrastructure from DWSD. If Flint leaves, Detroit has 25 miles of watermain it no longer needs. KWA has offered to purchase the pipeline and enter into a long-term arrangement for purchase of water from DWSD.

Fact: Each incorporating municipality in KWA will pay the same rate for raw water; therefore, each community will set its own treatment standards and exert local control of the cost of water it provides to its citizens.

Fact: Lapeer and Sanilac Counties are facing depletion of their groundwater supplies.

Karegnondi Water Authority (KWA) Fact Sheet

- KWA is incorporated by the State of Michigan, comprised of the City of Flint, City of Lapeer, Genesee County, Lapeer County, and Sanilac County.

- As specified in its Articles of Incorporation, each of these constituent municipalities has one representative to the board – specifically the Mayors or their designees of the 2 cities (Flint and Lapeer), the Drain Commissioners or their designees from each of the counties (Sanilac, Lapeer, and Genesee).

- KWA will deliver raw water to customer utilities.

- Each governmental unit will still own and operate their respective treatment and distribution systems. GCDC will have no jurisdiction over the City of Flint water. Flint will have all franchise rights for sale and treatment of water from KWA within the City of Flint.

- Each community that obligates itself to the debt for construction of the KWA infrastructure pipeline, intake and pump stations, receives commensurate voting membership to the board.

- Flint's debt obligation is based on the volume as selected by the city.

- Additional members are appointed by their respective communities.

- All board members serve without compensation.

- KWA will operate with 5 to 7 full-time equivalent employees. KWA will contract its labor force.

- To date, only the City of Flint and Genesee County have bought capacity in the project.

- Once KWA water is available, each community receiving untreated Lake Huron water from KWA will pay a share of the operating costs, i.e.: electricity, labor, maintenance, and chemicals in proportion to the volume of water they receive.

- KWA has created a capacity of 60 million gallons per day (mg).

- Flint has purchased 18.0 mgd. Genesee County has purchased 42 mgd. Each purchaser pays based on their purchased capacity. The total project cost will be divided by 60 (total capacity) and each purchaser, Flint and Genesee, will pay the same price per unit.

- The operation and maintenance cost will also be charged based upon the volume purchased annually.

- If a community exceeds capacity, it must either purchase or rent capacity from a community with excess.

- There exists a 30 day rolling average, which will determine if any community exceeds purchased capacity. Water volume purchased for capacity purposes will be calculated on the basis of a 30-day average.

- Capital costs for Flint will be a flat rate of approximately $6.8 million over 30 years.

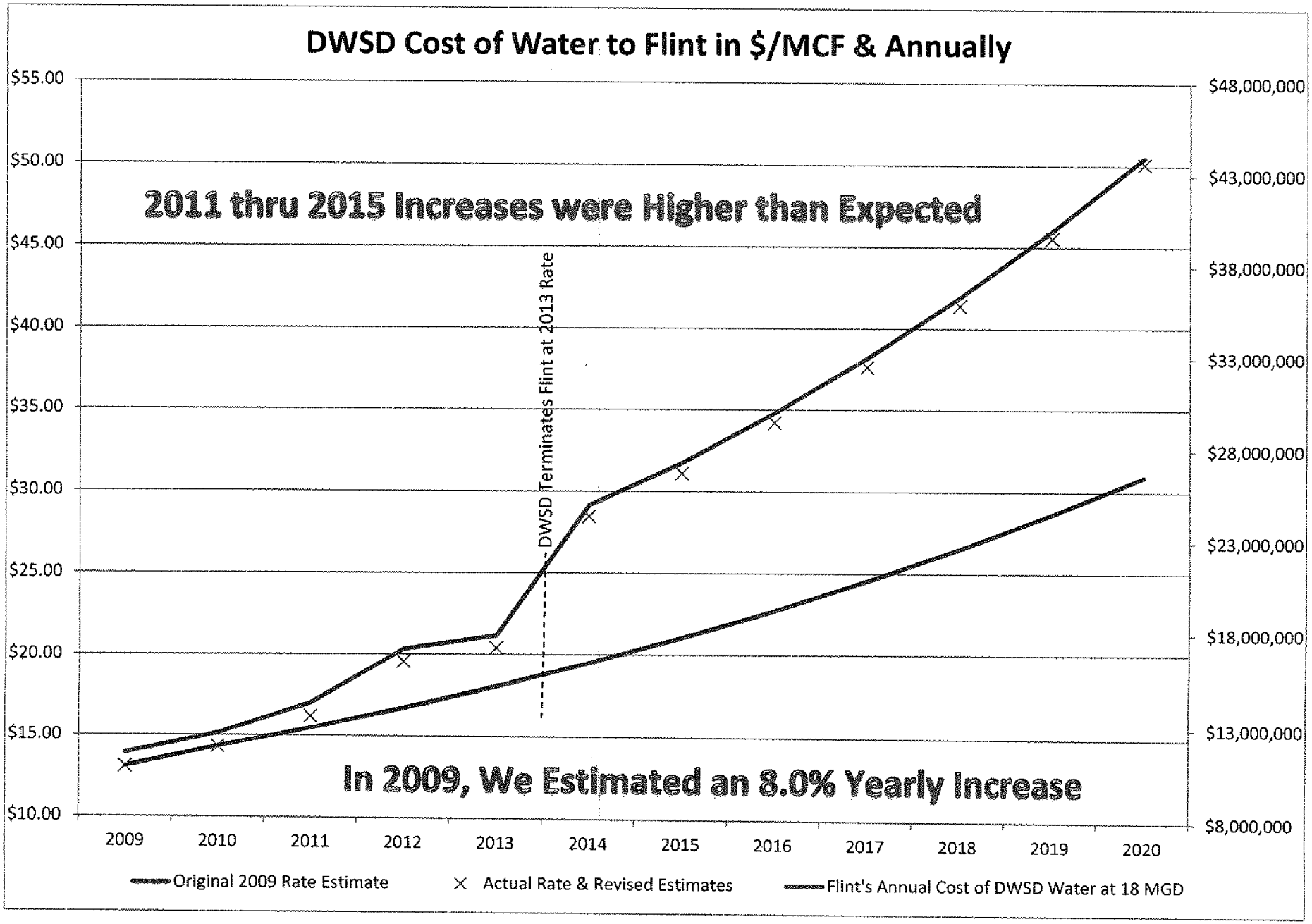
- To date, KWA is below its construction cost projection of $274 million.

- 90 percent of the KWA pipeline route is constructed along public right of ways.

- Any land required, that was outside the road right-of-way, was purchased from the original land owners, not a 3rd party short-term owner.

- All KWA construction contracts have been publically and competitively bid.

- No tax dollars, (Federal, State, or Local) are being used to fund this project. All project costs for KWA are being paid by the Flint and Genesee County water users.


DWSD Cost of Water to Flint in $/MCF & Annually
2011 thru 2015 Increases were Higher than Expected
DWSD Terminates Flint at 2013 Rate
In 2009, We Estimated an 8.0% Yearly Increase
$55.00
$50.00
$45.00
$40.00
$35.00
$30.00
$25.00
$20.00
$15.00
$10.00
$48,000,000
$43,000,000
$38,000,000
$33,000,000
$28,000,000
$23,000,000
$18,000,000
$13,000,000
$8,000,000
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
Original 2009 Rate Estimate
Actual Rate & Revised Estimates
Flint's Annual Cost of DWSD Water at 18 MGD

From: Wisniewski, Wendy (GOV)
Sent: Thursday, January 29, 2015 4:55 PM
To: Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Clayton, Stacie (GOV); Hall, Jean (GOV); Ackerman, Darin (GOV); Durfee, Sally (GOV); Saxton, Thomas (Treasury)
Cc: Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Rospond, Laurie (GOV)
Subject: FW: Letter of Appeal for Flint
Attachments: Neeley Letter to the Governor 01-29-15.pdf

Importance: High

FYI

From: Rep. Sheldon Neeley (District 34) [mailto:SheldonNeeley@house.mi.gov]
Sent: Thursday, January 29, 2015 4:02 PM
To: GovernorsOffice
Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech
Subject: Letter of Appeal for Flint
Importance: High

Dear Gov. Snyder,
Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative
34th District - Flint
N-798 House Office Building
P. O. Box 30014
Lansing, MI 48909
Office: (517) 373-8808
Toll Free: (844) 4-NEELEY
FAX: (517) 373-5997
E-mail: sheldonneeley@house.mi.gov
Web: http://neeley.housedems.com

34TH DISTRICT
STATE CAPITOL
P.O. BOX 30014
LANSING, MI 48909-7514
PHONE: (517) 373-8808
FAX: (517) 373-5997
E-MAIL: sheldonneeley@house.mi.gov

MICHIGAN HOUSE OF REPRESENTATIVES

SHELDON A. NEELEY

STATE REPRESENTATIVE

January 29, 2015

Honorable Rick Snyder, Governor
State of Michigan

Dear Gov. Snyder,

With the dawn of a new beginning in our state, the city of Flint stands on the precipice of civil unrest. This letter comes as an appeal to your office concerning this proud Michigan community and recent discussions pertaining to Flint's water distribution and management strategies for both present and future operations. Flint has had a long history concerning the implementation of water practices and financial management of its water assets. Our present journey has caused us to take a closer look at our 80-year-old infrastructure and examine a difficult position where we must correct some past and even present challenges, one of which is affecting the people of my community to the point of a fervor over something as simple as drinking clean water.

As we engage these challenges, Flint must revisit the present water revolving loan plans to determine how these current funding obligations will affect water delivery and asset development for the future. It is clear that no significant improvements can be obtained without some supportive concessions. Therefore, I am requesting on behalf of the 34th District, which contains a portion of the city of Flint, for you to consider an executive decision to forgive (in-total or part) Flint's water fund loan balances of $20,770,336 so that we may effectively apply those funds to rebuilding the city's infrastructure, to competitively obtain highly qualified personnel and provide a more cost effective water delivery system. I understand there has been many requests made of your office to resolve this very serious issue, but this approach will best safeguard the health and welfare of the residents of Flint as well as minimize the potential for litigation against the city of Flint and/or the state of Michigan.

With a cost-effective water delivery system, we will be able to improve our system in the following ways: upgrade wastewater treatment processes, improve safe drinking water upgrades, and maintain and sustain a water system that provides a better quality of water product to the citizens of Flint.

Recycled Paper

It is imperative that this issue be addressed in some way on the state level. Residents of Flint are already finding themselves forced to take drastic measures simply to have clean drinking water.

Community health could be on the decline as citizens become afraid to even shower or bathe in their homes. The people of Flint bring bottles of brown water full of sediment and other foreign substances to community meetings, asking only to be treated as human beings. That is all I am asking of you - to see the suffering and anger from the people in one of Michigan's municipalities and understand that there is a need to react and respond to this crisis.

With the beginning of a new year to work toward a better Michigan, my office is ready to have discussions on this request and other planning that works to improve OUR Michigan. I sincerely thank you in advance for your consideration on this matter.

For the Love of the Community,

Sheldon A. Neeley, State Representative
34th District

CC: Dennis Muchmore
Dick Posthumus

From: Wisniewski, Wendy (GOV)
Sent: Friday, January 30, 2015 10:48 AM
To: Clayton, Stacie (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: RE: Flint Conference Call

1:30 and 3:00 are the only times that work for both Dennis & Beth

---

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 10:44 AM
To: Wisniewski, Wendy (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Flint Conference Call

Greetings All,

Harvey would like to schedule a brief conference call today regarding next steps on Flint water matters. Please let me know DM. EC, JW, DP and DM availability for a call:

11:30am
12:00pm
1:00pm
1:30pm
2:00pm
2:30pm
3:00pm

Thank you,
Stacie

From: Wisniewski, Wendy (GOV)
Sent: Thursday, February 12, 2015 1:34 PM
To: Muchmore, Dennis (GOV)
Subject: FW: Flint water
Attachments: FlintWater.pdf

Importance: High

From: Saxton, Thomas (Treasury)
Sent: Wednesday, February 11, 2015 12:22 PM
To: Muchmore, Dennis (GOV)
Cc: Hollins, Harvey (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY)
Subject: Flint water
Importance: High

Dennis – the attached pdf is the memo & table that hopefully addresses some of the info needs stemming from the meeting with the pastors last week. Jerry A. has looked at this document as well. In terms of key items at this point (that are mentioned in the memo)….

KWA may be hooked up by the end of this calendar year; weather permitting, etc. Even allowing for some slippage that is positive news

Whether you hooked to DWSD thru the county or directly; it is a $1mm add'l impact to the budget… an add'l 30% increase in rates over existing

They have $2mm already baked in the budget to fix that two mile 'bad' section of pipeline that might address a good portion of the current issues

They now have an outside consultant on the ground who is suppose to provide some preliminary indications next week to help improve the situation

Don't forget about the $2mm SRF loan restructuring (which we have not officially put on the table). Those $s would be available for more system improvements.

Again, sorry this took as long as it did. Let us know if this is what you had in mind or if you need anything else. Wayne – chime in if I missed anything.

See you @ 1:30

72 (Rev. 11-13)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: February 11, 2015

TO: Tom Saxton, Chief Deputy Treasurer

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: City of Flint Water Rates

Attached and below is information regarding the increase in water and sewer rates for the City of Flint since 2010.

- The data shows the significant deficit position of the water fund which was not rectified until 2013 when water rates were increased by 26%. The data also shows the lack of capital investment for a system as old as Flint.

- This condition is acknowledged in the City's recently adopted Capital Improvements Plan which identified approximately $50M in needed capital improvements over the next several years. This deficiency was also noted in the rate study commissioned by the City of Flint in 2014.

- According to the City, if Flint reconnected to DWSD for the next 18 months, the estimated monthly cost would be more than $1M per month totaling approximately $18M. This includes a fixed monthly charge of $846,700 plus the cost of actual water usage, minus the cost of operational expenditures at the Water Treatment Plant. Even with the elimination of future capital improvements, most of the additional cost would need to be funded with an additional increase to existing rates. Such an increase could approach 30%.

- The option of purchasing DWSD water from the County would be on parity with purchasing water directly from DWSD.

- The KWA previously advised the City that the connection to KWA may take place in mid-2016, but has now stated that weather conditions permitting, the connection could be made as early as December 2015.

- The $8M capital costs to upgrade the Water Treatment Plant was made to be able to treat both river water and KWA water. This upgrade has been funded with the cost reduction in operating costs achieved by not buying water from DWSD during the interim period.

- As you are aware, the City has retained Veolia as an outside water consultant to assist in maintaining the safety and improving the quality of water produced by its water system, and their initial analysis is due to be completed within the next two weeks. In addition, the City's current budget includes $2M for replacement of a 2-mile pipeline segment that is anticipated to significantly address some of the current water issues.

Average monthly bill in 2015 - note that water and sewer are not billed separately; the charges are included within the same bill regardless of water usage.

Water service charge	$22.90
Sewer service charge	$34.48
Total service charge	$57.38

Per unit rate:	
Water	$ 7.92
Sewer	$ 5.17
Total per unit	$13.09

Average family of four uses 7 units per month.
Their bill for usage would be: 7 x 13.09 = 91.63 + 57.38 service charge = $149.

If additional information is desired, please let me know.

City of Flint Water Rate History

Year (Date Effective)	Average Monthly Water/Sewer Bill*	Percentage Change in Water/Sewer Rates	Water Fund** Total Operating Revenue	Water Fund** Unrestricted Net Position	Water Fund** Capital Improvements
2010	$64	12%	$31,956,754	-$5,795,973	$2,091,160
1/15/2011	$82	29%	$36,762,663	-$12,443,265	$1,403,916
9/16/2011	$111	35%			
7/1/2012	$111	26%	$44,854,439	-$8,758,091	$755,681
2013	$140	0%	$49,903,868	$834,447	$147,462
07/01/13 to 06/30/14	$140	0%	$43,552,152	$760,745	$3,301,700
07/01/14 to 06/30/15	$149***	6%	N/A	N/A	N/A

Note* Water rate information is based on average usage of 7 units per month with a 5/8" residential remote meter.

Note** Water fund information was compiled from the City of Flint's CAFR filed with the Michigan Department of Treasury.

Note*** Billing breakdown contained in attached memo.

From: Wisniewski, Wendy (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Hollins, Harvey (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: RE: Flint Phone Call

Beth is available 3:00 – 4:30

From: Hollins, Harvey (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); Wisniewski, Wendy (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: Flint Phone Call
Importance: High

I'd like to convene a phone call today to discuss a Flint water solution. Please let Stacie know your availability for a call today anytime between 2pm and 5pm and she will send out the appointment and conference line information. I'll loop in Gerry Ambrose once we reach consensus.

Best,
Harvey

From: Wisniewski, Wendy (GOV)
Sent: Thursday, October 01, 2015 9:25 AM
To: Muchmore, Dennis (GOV)
Subject: Flint Coalition Document
Attachments: 20151001092433307.pdf

Received from Flint Coalition

COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis

September 30, 2015 Articles

As results of our collaborative research with Flint residents exposed widespread problems with elevated levels of lead in Flint's water, the Michigan Department of Environmental Quality (MDEQ) repeatedly attempted to discredit our findings and downplay the public health threat. For example, MDEQ's Communications Director Brad Wurfel wrote to The Flint Journal's Ronald Fonger:

"...the state DEQ is just as perplexed by Edwards' results as he seems to be by the City's test results. When I said we were unsure how the Virginia Tech team got its results, that's not the same as being surprised that they got them. ...this group specializes in looking for high lead problems. They pull that rabbit out of that hat everywhere they go. Nobody should be surprised when the rabbit comes out of the hat, even if they can't figure out how it is done.....while the state appreciates academic participation in this discussion, offering broad, dire public health advice based on some quick testing could be seen as fanning political flames irresponsibly. Residents of Flint concerned about the health of their community don't need more of that."

Now that Dr. Mona Hanna-Attisha and Hurley Medical Center researchers have revealed that the rising levels of lead in Flint water have been associated with increased blood lead of Flint's

children, our early health advice has been vindicated by most accounts. But MDEQ still dismisses the water controversy as "near-hysteria,"and characterizes the Hurley study conclusions as ***"unfortunate"*** if not quite***"irresponsible."***

Given MDEQ's insistence that there is absolutely nothing wrong with Flint water, we have created a timeline that illustrates how MDEQ's mistakes and deception created the Flint Water Crisis in the first place. Our analysis relies on e-mails and documents obtained through Freedom of Information Act (FOIA) requests by the American Civil Liberties Union-Michigan (ACLU of Michigan) and FlintWaterStudy.org.

All FOIA documents are provided at the end of this article for review.

Phase 1. MDEQ Fails to Require Corrosion Control for Flint River Water (April 2014)

Effective July 1998, the federal Lead and Copper Rule (LCR) has required that all large public water systems maintain a program to control levels of lead in drinking water from corrosion. Moreover, the law also requires the City of Flint to have a state approved plan, with enforceable regulatory limits for "Water Quality Parameters" including pH, alkalinity and/or corrosion inhibitor dose measured in the water distribution system.

MDEQ never required Flint to have a corrosion control program, nor did it set water quality parameters for the new Flint River source water. While MDEQ asserts that they are acting proactively to get a corrosion control program in Flint, there is

no provision in the LCR that allows for corrosion control to ever be interrupted.

As a direct result of this mistake, Flint residents have been completely unprotected from elevated lead in water from the moment the switch to Flint River water was made. This has created a conflict of interest for MDEQ ever since. Specifically, MDEQ's failure to require a corrosion control program is what created the Flint water crisis in the first place–they now have a vested interest in covering up the problem.

Phase 2. MDEQ misinforms the USEPA about Flint's Corrosion Control (February-March 2015)

Even if we assume MDEQ was confused about its obligations under the LCR, when problems with high lead started to crop up in February 2015, they should have quickly acted to correct the mistake. Samples with high lead were reported at the University of Michigan-Flint Campus, and on February 26, 2015 Mike Glasgow (City of Flint) did excellent detective work discovering high lead (over 100 ppb) in water samples from Flint resident Lee-Anne Walters' home.

Ms. Walters immediately forwarded her results to representatives of USEPA Region 5, who in turn immediately forwarded the results to Stephen Busch and Mike Prysby (MDEQ) with the subject line "**HIGH LEAD: FLINT Water testing Results**" The EPA e-mail correctly informed MDEQ that Ms. Walters' high lead was likely due to ***"... the different chemistry water...leaching out contaminants from the insides of...the pipes."***But MDEQ denied to EPA that that Flint had a lead in water problem.

At that point, EPA Region 5 lead-in-water expert Miguel Del Toral asked MDEQ a question through another EPA employee:

"Miguel was wondering if Flint is feeding Phosphates. Flint must have Optimal Corrosion Control Treatment- is it Phosphates?"

On February 27th, 2015, MDEQ's Stephen Busch unequivocally and falsely responded to EPA that:

"The City of Flint...Has an Optimized Corrosion Control Program <and> Conducts quarterly Water Quality Parameter monitoring at 25 sites and has not had any unusual results."

Reassured by MDEQ's false statement, Del Toral ended USEPA's February conversation with MDEQ by stating:

"If I remember correctly, Detroit is feeding PO4 for the LCR, but since Flint is no longer part of that interconnection, I was wondering what their <Optimal Corrosion Control> was. They are required to have <Optimal Corrosion Control> in place which is why I was asking what they were using."

On March 18, 2015, Lee-Anne Walters' home was retested after flushing her system thoroughly. This time the test result came back even worse with 397 ppb lead– almost 40 times higher than the World Health Organization 10 ppb safety threshold. EPA Region 5 forwarded the results to MDEQ, with a query ***"Any thoughts on how to respond to her? I'm running out of ideas."***

MDEQ's response, delivered in a voicemail to Del Toral on March 19, 2015, stated that***MDEQ had investigated and found Ms. Walters' high lead was due to lead sources in her plumbing***. On March 27, 2015, Walters' son, who had been having health problems, was tested for lead in his blood. The blood lead results came back high– well over the 5 ug/dL CDC threshold of concern.

Phase 3. Walters and Del Toral Investigate the Veracity of MDEQ Statements (April to June 2015)

With good reason, Lee-Anne Walters did not accept the MDEQ's explanation to Del Toral for the high lead in her water. The internal plumbing had been stolen from the house before it was purchased, and they had installed new (lead free) plastic plumbing before moving in.

Walters also checked up on the MDEQ statement that Flint had "an Optimized Corrosion Control Program." She called the City of Flint, and city officials correctly informed her that there was no program at all.

Walters then passed this alarming information along to EPA's Del Toral, who on April 23rd e-mailed MDEQ, and again asked what corrosion control program Flint was using. It was only then that MDEQ finally acknowledged that there was NO program. Concerned due to the very high occurrence of lead service lines (LSLs) in Flint, on April 27th Del Toral wrote an EPA Region 5 internal e-mail stating:

"Flint has not been operating any corrosion control treatment, which is very concerning given the likelihood of LSLs in the City."

That night Del Toral also stopped at Walters' house on a trip north, and personally inspected her plumbing first hand. He confirmed it was plastic and lead-free. Del Toral also dropped off sample bottles at the Walters' home, and told her that if she wanted an analysis to contact Professor Marc Edwards (the author of this article and Principal Investigator of FlintWaterStudy.org) at Virginia Tech.

The next morning Edwards talked Walters through an intensive 30 bottle sampling protocol. When the bottles were returned to Virginia Tech and analyzed, Edwards and his senior research scientist Dr. Jeff Parks were stunned by the results. The average lead in was 2,429 ppb lead, the high was 13,200 ppb, and even after 25 minutes flushing the water never dropped below 200 ppb. After Walters told Del Toral about the high lead results, he drove back to Flint, just in time to observe the City replacing the service line to Walters' home. He personally collected a sample of the pipe and verified it to be pure lead.

In a follow-up memo dated June 24, 2015, which was sent to both Walters and Edwards, Del Toral outlined numerous concerns about the situation regarding the serious lead corrosion problem in Flint. *He included a clear recommendation that the USEPA investigate whether the City of Flint was in compliance with federal laws for lead corrosion control.*

Phase 4. MDEQ "Handles" the LCR Report, ACLU-Michigan, Virginia Tech and Miguel Del Toral (July to August 2015)

> **"Revising" the Original LCR Report.** In spite of all the problems documented with lead in Flint water from February to June 2015, Flint and MDEQ took a lackadaisical approach to the federally required LCR sampling program. Specifically, just 5 days before the June 30th deadline to collect the 100 samples that MDEQ required, the City had only collected 39 samples.

Adam Rosenthal (MDEQ) e-mailed Mike Glasgow at the City of Flint:

"We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they will be below the AL for lead. As of now with 39 results, Flint's 90th percentile is over the AL for lead."

In the next five days the City collected 30 samples, all of which were below the action level, and did not reach the 100 sample target. If all 71 submitted samples had been considered valid, the City would have exceeded the 15 ppb action level. *Federal law would then require that Flint residents be provided information about how to protect themselves and their children from lead in water. MDEQ's failure to install corrosion control would have been flagged as an obvious mistake. But none of that happened.*

Instead, the MDEQ "revised" the City's original LCR report, invalidating two high lead results, so that the 90%'ile was under the 15 ppb action level. The validity of samples showing low lead in the City's sampling was never questioned. This is a problem,

because the City has now admitted that they do not know which homes had lead pipe, even though it is stated in writing in the report that all sampled homes had lead pipe. By law, at least 50 percent of the homes sampled must be verified to have lead pipe, and the remainder of homes sampled must have been built before 1986 and known to have lead solder. There is no basis for believing that this requirement was met in either the 2014 or 2015 LCR sampling events conducted by the City. Hence, the City of Flint has not had a valid LCR sampling event since the switch to Flint River water.

MDEQ then lowered the minimum number of required samples from 100 to 60, making it look like the City of Flint had met the target. MDEQ also did not question the City's open acknowledgement that homes from 2014 had not been re-sampled, or that high risk (Tier 1) sites were not used.
The original report, due July 10th, was also late by several weeks. All of these violations of federal law were glossed over, to make it appear that the City had passed its lead testing with flying colors. Just like that, according to MDEQ at least, the City of Flint had no LCR violations at all.

> **ACLU-Michigan FOIA**. The timing by which the "revised" LCR report was created, is also of interest. On July 22, 2015, the ACLU-Michigan submitted a FOIA to MDEQ, requesting the City of Flint's LCR report supposedly due on July 10, 2015. The City's original LCR report with all the obvious problems is dated July 28, 2015. MDEQ never provided the ACLU-Michigan with the original LCR report. Instead, they created the scrubbed revised report, on August 20, 2015, and sent that report to ALCU-Michigan (from the City of Flint) the next day. In the

comments section of the report, Flint openly states ***"Revised report after conference call with DEQ staff. Two samples were removed from list for not meeting sample criteria, and due to population the number of samples was reduced to 60."***

> MDEQ to FlintWaterStudy.org FOIA: What conference call? On September 9, 2015, Virginia Tech submitted a FOIA to MDEQ explicitly requesting records and minutes of the conference call between DEQ staff and Flint cited in the revised LCR report. This FOIA request has been denied by MDEQ, because ***"Your request does not include the date/time of the conference call and who from the Department of Environmental Quality participated on the conference call."*** FlintWaterStudy.org immediately appealed the withholding of documents related to the conference call to the State of Michigan. On September 28th, our appeal was denied. We may commence a civil action if we do not agree with the decision.

> Handling Miguel Del Toral. MDEQ obviously had a major problem on its hands with EPA's lead-in-water expert Miguel Del Toral. On August 4th 2015, Lee-Anne Walters and Melissa Mays met with MDEQ officials to discuss Flint's lead in water problems. The MDEQ officials participating in the meeting were identified by Mays and Walters, as Liane Shekter-Smith (Chief of the Office of Drinking Water and Municipal Assistance), Stephen Busch and Brad Wurfel.

According to Walters and Mays, Shekter-Smith bragged that ***"Mr. Del Toral has been handled,"*** and that Flint residents would not be hearing from him again. Moreover,

MDEQ asserted that Mr. Del Toral's interim memo detailing the many problems with Flint's (non-existent) corrosion control program ***"would never be finalized."*** Just yesterday, NPR released a slightly different, but enlightening version of Wurfel's take on Del Toral and the memo:

MDEQ spokesman Brad Wurfel says the report was the work of a "rogue employee," and promised the final report — not yet released — would tell a much different story.

Mays and Walters vividly recall Wurfel, smirking or laughing, whenever they expressed concern about elevated lead in Flint's water. Looking back on the exchange yesterday, Mays stated ***"It is shocking how their refusal to admit they made a mistake, trumped the dangers their actions pose to Flint's children."***

Angered, Lee-Anne Walters then called Edwards, and informed him that Del Toral would no longer be working on Flint water issues, and the two discussed the clear implication that EPA bureaucrats had intervened to prevent Del Toral from further exposing MDEQ's numerous blunders and the health threat to Flint residents. She further stated that ***"It is too late for my son, but I will not stand by and let this happen to another other innocent child in Flint."***

Clearly, the MDEQ, City of Flint and even the USEPA (with the obvious exception of Del Toral) have proved themselves unworthy of the public trust. Flint residents have been left to fend for themselves, when it comes to dealing with the dangers of high lead in their water.

FlintWaterStudy was launched an hour after the phone call from Ms. Walters, to help the citizens of Flint deal with the lead-in-water crisis that MDEQ created, and to correct any false statements by uncaring agencies that have left Flint's children in harm's way.

FOIA Documents:

Emails between MDEQ, USEPA, and Ms. LeeAnne Walters:

From: Wisniewski, Wendy (GOV)
Sent: Thursday, October 01, 2015 12:45 PM
To: Muchmore, Dennis (GOV)
Subject: RE: Flint and Detroit

Rich is out of office today in meeting with Detroit. Do you want to just do it without him today?

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 01, 2015 12:37 PM
To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: FW: Flint and Detroit

Can you set up and include Rich Baird>

From: Dayne Walling [mailto:dwalling@cityofflint.com]
Sent: Thursday, October 1, 2015 10:47 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Flint and Detroit

COS, thanks for your team's engagement with the Flint water problems. I have been in frequent contact with DEQ Director Wyant. I do want to speak with you directly today about the Detroit water option. Please call me on my cell **PPI** and if easier the office number is below and our offices can secure a time.
Thanks, Dayne
--
Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Wisniewski, Wendy (GOV)
Sent: Wednesday, October 14, 2015 8:33 AM
To: Agen, Jarrod (GOV)
Subject: FW: Draft Action Plan
Attachments: MDHHS Action Plan Flint EBL.docx; ATT00001.htm

I added this to the appointment and sent out the update

From: Lasher, Geralyn (DHHS)
Sent: Tuesday, October 13, 2015 7:56 PM
To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Cc: Lyon, Nick (DHHS) <LyonN2@michigan.gov>
Subject: Fwd: Draft Action Plan

Wendy--the attached doc might be useful for the conversation tomorrow. It is the MDHHS action plan for Flint. I thought you might want this as an attachment for the appointment.

Thanks--g

Michigan Department of Community Health (MDHHS) Flint Water Action Plan

Action	Local Lead	MDHHS Lead	Tasks
Filter/Water Distribution	Tamara Brickley (Genesee County Health Department-GCHD)	Sheryl Thompson, MDHHS	- Coordination of distribution (GCHD) - Identify at-risk sub-groups (GCHD) - Tracking filters- uniform registry held by GCHD - Ordering filter replacements (MDHHS)
Blood Testing	Tony LaRocco (GCHD) Possible partners: - Hurley - Great Flint Health Coalition - MIHP - LHD - Schools	Dr. Eden Wells/ Nancy Peeler (CLPPP)	- Test all ○ Students 0-16 ○ Priorities: ▪ 3 schools ▪ 2 zip codes ▪ ages 0-15 - Convene meeting with GCHD and all potential partners (MDHHS) ○ Partner with schools- information about testing sites options distributed through school districts to parents ○ Partner with Great Flint Health Coalition-network to develop testing sites and information about testing to healthcare providers ○ Partner with Hurley/McClaren/Genesys ○ Partner with MIHP/Home Visiting Program - Confirm that the state lab has capacity to handle increase in tests- CONFRIMED
Case Management Follow Up	Tony LaRocco (GCHD)	Eden Wells/ Nancy Peeler (CLPPP)	- Identification of all current positives- confirmatory testing for > 5 mcg/dl (as of April 2014) - Maintain registry of all tests performed (-/+) - Follow-up all cases >5 mcg/dl with the CLPP Case Management protocol
Elevated Blood Level Investigations(all > 5 mcg/dl)	Dawn Hallwood (GCHD)	Linda Dykema	- Secure financial resources necessary to support environmental health response - Follow-up CLPPP to see if immediate funds available - Recommendation to contract with Lead Investigation company thru SEMHA-

			licensed investigators
Communications	Hilda McShane (GCHD)	Geralyn Lasher	- Daily MDHHS and GCHD phone calls (3PM) - Provide provider education- links sent for Governor's site to GCHD 10/12 - Provide public education - Provide risk education - Provide links with lead prevention information to Flint

Subject:	RDS/JW/SW- PRINT interview with Hiram Jackson and Keith Owens of the Michigan Chronicle
Location:	Governor's SEMI Office
Start:	Mon 10/19/2015 11:05 AM
End:	Mon 10/19/2015 11:30 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Recent articles:
DPS schools highlight good attendance on Count Day: http://michronicleonline.com/2015/10/06/dps-schools-highlight-good-attendance-on-count-day/
LIFT working with Detroit STEM students on virtual game: http://michronicleonline.com/2015/10/02/lift-working-with-detroit-stem-students-on-virtual-game/
When will Detroit parents be allowed off the DPS plantation?: http://michronicleonline.com/2015/10/06/when-will-detroit-parents-be-allowed-off-the-dps-plantation/
Change on the horizon for DPS? Crime decline says so: http://michronicleonline.com/2015/09/22/change-on-the-horizon-for-dps-crime-decline-says-so/

NOTE: Keith Owens is the new editor of the Michigan Chronicle. He was most recently a communications consultant but worked at the Chronicle earlier in his career. He also did Communications for Wayne County's Treasurer's Office, was an opinion columnist for the Freep and wrote for Metro Times. Article about Keith's hiring: http://www.freep.com/story/money/business/michigan/2015/08/07/michigan-chronicle-editor/31282199/

Last interview: 5/28/15 at Mackinac (with Bankole who now left the Chronicle)

Market: Southeast Michigan- online at michiganchronicle.com

Contact: Hiram Cell: PPI ; Office: 313-963-5522

Subject:	RDS/JW/DMurray- PRINT interview with Crain's Detroit Business' editorial and reporting teams
Location:	1155 Gratiot Ave, Detroit
Start:	Mon 10/19/2015 11:15 AM
End:	Mon 10/19/2015 11:45 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Reporters participating:
Mary Kramer- publisher
Jennette Smith- editor
Michael Lee- new managing editor
Sherri Welch- senior reporter
Lindsay VanHulle – Lansing correspondent

Article from Sept on staff changes/promotions at Crain's:
http://www.crainsdetroit.com/article/20150911/NEWS/150919960/crains-hires-newsroom-staff-promotes-jennette-smith-to-editor

Possible Topics:
- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Recent articles:
Focus: Hope idles workforce training after state grants lapse-
http://www.crainsdetroit.com/article/20151011/NEWS/310119979/focus-hope-idles-workforce-training-after-state-grants-lapse
DTE, Consumers Energy want to shut off Michigan's renewable energy mandates-
http://www.crainsdetroit.com/article/20151011/NEWS/310119977/dte-consumers-energy-want-to-shut-off-michigans-renewable-energy
PSC: Energy efficiency programs should save Michigan customers $4.2 billion-
http://www.crainsdetroit.com/article/20151002/BLOG020/151009958/psc-energy-efficiency-programs-should-save-michigan-customers-4-2
Young Detroiters to experiment with entrepreneurship during Startup Weekend-
http://www.crainsdetroit.com/article/20151016/NEWS/151019914/young-detroiters-to-experiment-with-entrepreneurship-during-startup

Last interview: 8/24/15 with Lindsay VanHulle from China

Market: Southeast Michigan- online at crainsdetroit.com

Contact: Michael cell: PPI Jennette cell: PPI

Security POC: Barbara Cooney- PPI

Subject:	RDS/JW/SW- PRINT interview with Detroit News' reporting and editorial teams
Location:	160 W. Fort St. Detroit, MI 48226 - 3rd Floor
Start:	Mon 10/19/2015 12:55 PM
End:	Mon 10/19/2015 1:35 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Reporters participating (Subject to change):
Ingrid Jacques
Kaitlyn Buss
John Wolman
Chad Livengood
Richard Burr
Shawn Lewis

NOTE: Nolan is in Paris with his granddaughter

Recent articles:
State's $6M aid for Flint water switch signed into law: http://www.detroitnews.com/story/news/politics/2015/10/15/flint-get-aid-switch-drinking-water/73986956/
Snyder: Road fund talks hit dead end: http://www.detroitnews.com/story/news/politics/2015/10/13/michigan-roads/73870236/
Gov. Snyder on the big game: 'Go Blue!': http://www.detroitnews.com/story/sports/2015/10/12/gov-snyder-big-game-go-blue/73843434/
Snyder signs law to let drivers show insurance on phone: http://www.detroitnews.com/story/news/politics/2015/10/08/snyder-signs-law-let-drivers-show-insurance-phone/73570554/

Last interview: 9/16/15 with Daniel Howes from Japan

Market: Southeast Michigan / online – www.detroitnews.com

Contact: Ingrid cell: PPI; Ingrid desk: 313-223-4610

From: Muchmore, Dennis (GOV)
Sent: Monday, January 19, 2015 10:13 AM
To: Saxton, Thomas (Treasury); Walsh, John (GOV); Hollins, Harvey (GOV)
Subject: FW: Flint Water
Attachments: Mayor Governor Letter Flint Water Jan 18 2015.PDF

Now what?

From: Dayne Walling [mailto:dwalling@cityofflint.com]
Sent: Sunday, January 18, 2015 4:16 PM
To: GovernorsOffice; Snyder, PPI
Cc: Joshua Freeman; senjananich@senate.mi.gov; Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Gerald Ambrose
Subject: Flint Water

Dear Governor,

There is nothing more important in Flint right now than fixing the water problems. Attached is a letter outlining a plan with my request for your support. I urge you to work with all of us in the Flint community to implement solutions.

Sincerely,

Mayor Walling

--
Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

CITY OF FLINT

Dayne Walling
Mayor

January 18, 2015

The Honorable Rick Snyder
Governor, State of Michigan
P.O. Box 30013
Lansing, MI 48909

RE: Flint Water Improvement Plan

Dear Governor Snyder:

On behalf of the Flint community, I am writing to convey serious concerns about water quality and to request your support for my proposed Flint Water Improvement Plan. Access to safe and clean water is a basic human right, and, therefore, policy and budget decisions need to ensure that water is affordable and secure for everyone in Flint and all across Michigan It is essential there is City, State and Federal cooperation to address the challenges here and to meet the needs of vulnerable populations.

The Flint Water Improvement Plan is focused in five areas: safety, quality, access, investment and education. The plan puts safety and quality first because this is fundamental. It is designed to be a sustainable solution for the City of Flint and the community as we move towards a new permanent water supply from Lake Huron through the Karegnondi Water Authority. My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the State and Federal levels.

Safety & Quality

- 100% Safety is the standard
- City of Flint reports testing data to the public to assure safety and expands testing sites and frequency
- Bring on experienced river water treatment operational management in the City of Flint

Access

- Announce an amnesty program for Flint water service turn-ons and reduce the turn-on fee
- Develop a revised affordable payment plan policy to encourage customers to return
- Design Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for the elderly and vulnerable families

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State investments
    - State approves City of Flint's Distressed Cities Fund applications

- Federal and State support for replacement or forgiveness of payment to the Drinking Water Revolving Loan Fund due to Flint's status as a distressed community
- Federal and State grants for infrastructure improvements in alignment with the Flint Master Plan

* City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

* Develop a community partnership with universities to provide household and business customers with information on testing and conservation
* Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information and water assistance with the Keep the Water Flowing Fund and support services
* Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

It is also critical to restore the public confidence in Flint Water. The implementation of this plan must be accompanied by extensive community engagement including local elected officials. My objective is to work with you and your appointed officials, State Senator Ananich, State Representatives Phelps and Neeley, Congressman Kildee, community groups, businesses, churches, foundations, the Flint City Council, and all of the City of Flint and government personnel.

It is imperative that we communicate better and provide residents more information. I understand representatives from the Michigan Department of Environmental Quality will be joining a public forum this week at City Hall. This engagement going forward is vital so thank you for supporting their efforts. I think this issue of transparency is important for communities all across the State. I recommend a review of the applicable laws and policies and, at a minimum, a new requirement that water testing data be reported publicly no less than quarterly by law in all Michigan communities in Flint's population category.

Thank you for the consideration Governor. There is nothing more important in Flint right now than fixing the water problems. We must work together to identify funds to repair and update the water treatment facilities and city-wide infrastructure and to help those persons without access to clean water so that the entire Flint community has sustainable, safe, secure and affordable water now and into the future. This is an important issue for the state of our State of Michigan and I urge you to work with us to implement solutions.

Sincerely,

Dayne Walling, Mayor
City of Flint

CC: Flint City Council President Joshua Freeman; Congressman Dan Kildee; State Senator Jim Ananich; State Representative Sheldon Neeley; State Representative Phil Phelps; Flint Emergency Manager Jerry Ambrose

From: Adler, Ari (GOV)
Sent: Friday, January 23, 2015 9:26 AM
To: Agen, Jarrod (GOV); Walsh, John (GOV)
Subject: Flint water PR

This is a public relations crisis – because of a real or perceived problem is irrelevant -- waiting to explode nationally.

If Flint had been hit with a natural disaster that affected its water system, the state would be stepping in to provide bottled water and other assistance. What can we do given the current circumstances?

Ari

--

freep.comhttp://www.freep.com/story/news/local/michigan/2015/01/22/water-woes-latest-hit-flint/22193291/

Who wants to drink Flint's water?

By Robin Erb, Detroit Free Press 11:46 p.m. EST January 22, 2015

LeeAnne Walters 36 of Flint shows water samples from her home from Wednesday January 21, 2015 to Flint's new emergency manager Jerry Ambrose after city an state officials spoke during a forum discussing growing health concerns about the drinking water being raised by Flint residents on Wednesday January 21, 2015 at the Flint City Hall dome. (Photo: Ryan Garza, Detroit Free Press)

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(Photo: Ryan Garza/Detroit Free Press)

Story Highlights

- Last fall, the city issued three advisories to boil the water after detecting coliform bacteria.
- One resident calls it "poop water."
- The water woes are the latest blows to a city where residents have felt swatted around for too long.

164 CONNECTLINKEDINEMAILMORE

In a city where residents have felt under siege for years — from crime, bad press and an emergency manager some feel forced upon them — the newest threat pours from kitchen spigots and showerheads.

It's the reason behind mysterious rashes on local children, parents say. Unexplained illnesses. Even sick pets.

Bethany Hazard said it's the reason for the brown rust circles that began appearing just months ago around her drains and the oily film in her bathwater in her longtime east-side home.

On the west side of Flint, Corodon Maynard said it's the reason he was bent retching violently over the toilet this month — just hours after chugging two glasses of water at bedtime.

"I was throwing up like bleach water. It came up through my nose burning," said the 20-year-old.

The water from the city system is so corrosive, according to General Motors officials, that the automaker's Flint Engine Operations pulled off the city water system, connecting instead into a water system operated by nearby Flint Township.

So what's in Flint's water and just how dangerous is it?

It depends on who you ask and what tests you're referring to.

State tests suggest the water is clear of coliform bacteria, which can suggest the presence of other disease-carrying pathogens.

But as a result of treating the water to kill any dangerous microorganisms, the water now carries low levels of Total Trihalomethane, or TTHM, a by-product of the disinfectants. Years of exposure may cause liver, kidney or central nervous system problems and an increased risk of cancer, according to the U.S. Environmental Protection Agency.

The city maintains the water — pulled from the Flint River rather than the Detroit water system that had served the city for years — is safe.

FREEP

Detroit invites Flint to rejoin water system amid residents' complaints

Mayor Dayne Walling who was born and raised in Flint, said he drinks it.

The river, long known for the toxins left from Flint's industrial years, is cleaner than it has been in years, "but that perception persists," Walling said.

That the possibility of bacteria and the TTHM levels were detected and then diminished, he said, is proof that the system works.

But the system is in desperate need of infrastructure improvements and experienced water treatment staff, Walling said.

Earlier this week, he asked for help from Gov. Rick Snyder to implement a new plan that called for those things.

"There is nothing more important in Flint right now than fixing the water problems," he wrote.

And communication is key, he added.

Experts talk

In a city hall meeting Wednesday, the city invited experts to talk to residents. They included representatives from the Michigan Department of Environmental Quality, the EPA, and a Michigan State University microbiologist whose life work has been in studying water safety.

FREEP

Crowd outbursts cut Flint water meeting short as health concerns grow

In an immediate sense, the water is safe to drink, they assured the crowd.

Discoloration is most likely iron and calcium being sloughed off old city pipes as new water is being pushed into the system.

But while scientists talked in terms of parts-per-billion and testing and chemical reactions and future monitoring, residents held onto jugs of discolored water — water they said tasted funny and smelled terrible.

That's where it gets tricky, said Joan Rose, the MSU microbiologist.

When it comes to a life-giving liquid we turn to countless times a day for survival, appearance and smell is important as well as keeping it clean of pathogens and toxins, she said.

"You're so intimate with water. You drink it. You wash with it. You bathe in it," she said. "You can't blame anyone for the frustration. Everyone wants safe and wholesome water."

This much can be agreed upon: The city's water problems have worn residents raw with anger.

Some claim city officials are trying to cover up missteps and even political shenanigans. Some have accused city leadership of outright poisoning them.

"I've taken to calling it 'poop water,' " said Nayyirah Shariff, a community activist for the grassroots group Democracy Defense League.

Many said they are ready to abandon longtime homes.

"What we have is a full-blown crisis," said GM retiree Claire McClinton who had bundled up against the snow earlier this week to run into El Potrero Mexican restaurant for a late lunch.

But she reconsidered at the last minute and walked out instead, worried about eating at restaurants that rely on city water in their kitchens.

She's not the only customer who is concerned.

Business overall has been hit "probably 20 to 30%," said manager Jorge Alcazar.

The restaurant's lifeblood is in customers seeking a quick, affordable lunch, often with a glass of ice water.

Unwilling to drink the tap water, customers also don't want to pay $2 or more for a pop or buy a bottled water.

Worse for waitress Ashley Trujillo, customers have argued with staff. One customer left three pennies as a tip after fuming about having to pay for water. Others have left nothing.

"Like we have something to do with it," Trujillo said.

All of this — the frustration, the slump in El Potrero's business, the jam-packed meetings with residents toting jugs of brown water and claims they are being poisoned — are the latest blows to a city that has felt swatted around for too long.

"People think all the crime happens in Flint and everyone is poor in Flint, so there's this stigma. Now we're fighting against dirty water. Really?" said radiology coder Cindy Marshall, who joined about two dozen protesters earlier this week.

"Are you trying to kill us?" read one sign. "No more poison," read another.

McClinton echoed Marshall's sentiments: "We've lost confidence in the city."

Soaring bills

For years, residents in this city bleeding jobs and soaked in red ink have been facing growing water bills. Some have climbed as high as several hundred dollars a month.

"We have residents choosing between water and groceries and other bills," said Hazard, whose own bill is about $100 a month for a single person.

"I feel like I'm going under," said Hazard, who survived cancer twice and who was forced into early retirement and limited income.

The city eventually decided to dump the Detroit system in favor of the Karegnondi Water Authority, which is building a system to supply Genesee County with water pulled from Lake Huron. In the long run, this will mean lower water costs, officials have said.

Under the plan, Flint is temporarily pulling water from the Flint River until the water authority's system comes online, expected in 2016.

In August and September, however, the city issued three advisories to boil the water after detecting coliform bacteria.

Just before Christmas, residents received notices that state tests indicated higher-than-acceptable levels of trihalomethane, the disinfectant by-product.

Hazard's cats have been sick. So has she and several neighbors. Even her houseplant began to die.

Maynard threw up. Residents complained of rashes and mysterious illnesses.

"We just want safe water. How hard is that?" Hazard asked.

But assurances come with qualifiers.

The chlorine did its job and cleaned the water of microbial pathogens that can cause disease within days. That means the water is safe for healthy people to drink for a short time, said Michael Prysby, a district engineer in the state's Office of Drinking Water and Municipal Assistance.

But the trade-off was TTMH — possibly a danger for the very young, the very old, or the very sick if they ingest it long-term, he added.

"But we're talking decades," he said, adding that those who are worried should talk to their doctors.

"We don't want to make a blanket statement to say water is safe or unsafe. It's misleading both ways."

That's the kind of answer that infuriates Marshall, the protester and mother of a 5-year-old.

"They said it's safe, but it's brown water," said Marshall, also a radiology coder, after the meeting. "Why do we have to drink brown water? No one else has to drink brown water."

Contact Robin Erb: 313-222-2708 or rerb@freepress.com. Follow her on Twitter @Freephealth.

164 CONNECTLINKEDINEMAILMORE

From: Agen, Jarrod (GOV)
Sent: Friday, January 23, 2015 10:33 AM
To: Adler, Ari (GOV); Walsh, John (GOV)
Subject: Fwd: Flint water talking points and background
Attachments: Adressing Flint's Water Concerns final.docx; ATT00001.htm; Flint Water TPs.docx; ATT00002.htm

Dave has been working with DEQ and Treasury on it.
This is what I know so far. More to come.

Begin forwarded message:

> **From:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Date:** January 22, 2015 at 9:34:41 PM EST
> **To:** "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Paciorek, Josh (GOV)" <Paciorekj@michigan.gov>, "Rexford, Tori (GOV)" <rexfordt@michigan.gov>
> **Subject: Flint water talking points and background**
>
> Good evening team,
>
> Terry Stanton, working with Brad and Jerry Ambrose, drafted talking points and background on the Flint water issues.
>
> If asked, Terry suggests the governor say:
>
> ***Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.***
>
> Terry said he cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc. He said the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Snyder PPI
Sent: Saturday, January 24, 2015 11:18 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Calley PPI Walsh, John (GOV); Agen, Jarrod (GOV); Posthumus, Dick (GOV)
Cc: Scott, Allison (GOV)
Subject: Draft Priorities list
Attachments: 2015 Priorities draft v1.1 150124.docx

Please find attached a draft list of 2015 priorities for your review and comment.

At least we can't be accused of slowing down in term two. Dog years are alive and well!

Thanks
Rick

Confidential Discussion Draft

2015 Priorities
January 24, 2015

Not Responsive

Local Priorities

Not Responsive

36. Flint water system

Not Responsive

Not Responsive

From: Murray, David (GOV)
Sent: Monday, February 02, 2015 1:34 PM
To: Agen, Jarrod (GOV); Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Biehl, Laura (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Rexford, Tori (GOV)
Subject: Flint event on Tuesday
Attachments: 2 FDCVT Grant Awards draft.docx; Briefing Flint grant announcement.docx; RELEASE Flint water grants.docx

Good afternoon team,

Just wanted to touch base on Tuesday's event in Flint. Unless told otherwise, I'm continuing to prepare for the event.

I touched base with Harvey and Stacie, who recommended we proceed. Harvey is approaching some stakeholders about appearing at the event, and will forward those names to me later today.

I left a message with Dick Posthumus to see if he has any concerns about proceeding.

The Senate Democrats said Sen. Ananich will want to appear. Katie Carey from the House said she would forward information to Rep. Neeley and Phelps. I have not heard back from her yet.

I've attached the backgrounder and the draft releases from Governor's Communications and Treasury. I've sent a message to the mayor's office about a quote, but have not heard back yet.

Brad and I spoke about Director Wyant's role and potential comments. He will point out that there are things the state can do to help monitor the situation, but also will note that the city's water infrastructure is aging, which contributes to the problems.

We need some direction on an advisory. Should this be listed on a typical advisory from the governor's office, or come from Treasury? Do we even issue an advisory in favor of just contacting media directly in the morning?

Please give the draft releases a read for potential changes, or let me know of other concerns.

Thank you!

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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PPI mobile
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RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Gov. Rick Snyder announces grants helping distressed municipalities with water, public safety, appraisal issues

$8 million awarded for projects aimed at improving services, quality of life

LANSING, Mich. -- Gov. Rick Snyder today awarded $8 million to six municipalities to fund various improvement projects, including water system and street lighting enhancements and technology upgrades through the Financially Distressed Cities, Villages, and Townships Grant Program.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

"Municipalities receiving this special funding are some of the areas hardest hit by the Great Recession," Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding this year, with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000

City of Flint	Water system enhancement through improved waste management.	$1,100,000
City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000
City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.

Preference is generally given to applicants from local units in which:

- A financial emergency has been declared in the past five years;
- An approved deficit elimination plan for the general fund is currently in place; or,
- Two or more conditions indicating "probable financial distress" currently exist.

For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.

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*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, PPI
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, PPI
Treasury communications: Terry Stanton, stantont@michigan.gov, PPI

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	Rep. Neeley remarks.
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

Mayor Walling's Facebook post

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund

- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part. Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe. Thank you for your ongoing support.

Links to coverage

- Mayor, governor have 'long, productive' talk about Flint's water problems, Jan. 30
- 2,000 more gallons of water headed to Flint for giveaway, Jan. 30, 2015
- Flint emergency manager says there are two big reasons not to reconnect Detroit water, Jan. 29
- Flint Democracy Defense League plans four meetings on city's water problems, Jan. 29
- Environmentalist sends out new warnings about Flint water, NBC, Jan. 27
- Erin Brockovich says on Facebook she's prepared to come to Flint, MLive, Jan. 27
- Mott Community College not waiting for Flint to ensure safe water, MLive, Jan. 26
- Detroit water chief says she's willing to sell emergency water to Flint -- no strings attached, Jan. 26
- Mayor says governor needs to visit Flint to see water crisis first hand, MLive, Jan. 26
- Need water? Flint groups collect 600 cases, plan distribution this week, MLive, Jan. 26
- Incoming Flint water expert would have 'continual oversight' until new pipeline connected, Jan. 25
- Looking back at Flint's water problems (photo gallery), MLive, Jan. 25
- Flint water problems: Switch aimed to save $5 million -- but at what cost?, MLive, Jan. 23
- State says its already 'working diligently' on Flint's water problems, MLive, Jan. 22
- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in Distressed Cities grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help cities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among six municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for the state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, state Senate Minority Leader Jim Ananich, state Reps. Sheldon Neeley and Phil Phelps.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

Subject: RDS/DM/EC/JW/NKhouri/TSaxton/WWorkman - Local Government Update
Location: Governor's Office, Romney

Start: Wed 7/22/2015 3:30 PM
End: Wed 7/22/2015 4:15 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Pleyte, Beth (Treasury); Doyle, Maureen (Treasury); Walsh, John (GOV); Khouri, Nick (TREASURY); Dempkowski, Angela (Treasury)

Not Responsive

Flint

- Water System/KWA
- Federal Litigation - OPEB

Not Responsive

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: July 10, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

EMERGENCY MANAGER

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Flint

RTAB Appointed: April 29, 2015

RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

- The City Council approved an amendment to the EM adopted FY 15 budget on June 29, 2015. The city ended FY 15 with an estimated $495K General Fund balance. The RTAB will be reviewing the budget amendment at their July 15, 2015 meeting.
- The City Administrator has issued a Corrective Action Plan to the City Clerk to correct a number of operational deficiencies that resulted in the wrong election submission dates being provided to local candidates.
- Legislation has been signed that will allow candidates who submitted petitions by April 28, 2015 to have their names placed on the August Primary ballot.
- U.S. District Judge Stephen J. Murphy denied a motion for a preliminary injunction on June 23, 2015, to force the city to purchase water from the City of Detroit.
- On June 12, 2015, the Michigan Court of Appeals reversed a decision by Genesee County Circuit Judge Richard Yuille, who dismissed a claim that the city violated its own ordinances when the Emergency Manager raised water and sewer rates in 2011.

Not Responsive

- The city continues to inform residents that it is in violation of the Clean Water Standards Act. Monthly testing is ongoing.
- The city is implementing Veolia recommended improvements to its water system, including water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city is installing a $1.5M granulated active-charcoal filter to improve water quality. This filter installation will be completed in mid-July.
- The city hired Echologics at a cost of $895,850 to perform a leak detection study. This project is scheduled to begin in July 2015.
- The KWA pipeline is expected to be completed in June 2016. The two pump stations are 75% complete and the intake should be completed in August 2015.

Not Responsive

Not Responsive

Recent Developments

- The City Council approved the FY 16 budget on May 18, 2015.
- On May 14, 2015, the City Council agreed to settle the Dent lawsuit regarding police misconduct for $1.37M. The cost of the settlement has been placed on the July tax roll by a judgement levy.
- Three Police Chief candidates were interviewed on June 11, 2015. There was a difference in opinion on the preferred candidate. Subsequently, contract negotiations with William Riley, Police Chief of Selma, Alabama are underway.
- On June 1, 2015, an Order was issued requiring the City Treasurer to approve all employment matters with city officials and employees, expenditure of funds, and all contracts.
- On June 29, 2015, an agreement was reached with Wayne County to place a judgment levy starting with the December 2015 tax roll, for five years, to repay the county $4.9M in past due sewer charges.

Significant Actions/Issues

- On April 20, 2015, the city adopted a working capital reserve policy for the Water and Sewer Fund which will provide funds for emergency situations.

Not Responsive

Not Responsive

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Tuesday, October 13, 2015 11:24 AM
To: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Snyder, PPI
Cc: Kelly Rossman-McKinney; Darnell Earley
Subject: Fw: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

All,

Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:

"The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County."

Please let him know if you have any questions.

Thanks.

Michelle Z.

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy
Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal
810-347-9963 - rfonger1@mlive.com

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier
Office Manager
Detroit Public Schools
Office of Communications
Fisher Building, 14th Floor
3011 West Grand Boulevard
Detroit, MI 48202
(313) 873-3494 desk
(313) 873-6269 fax

From: Kelly Rossman-McKinney <PPI
Sent: Tuesday, October 13, 2015 11:38 AM
To: Michelle Zdrodowski
Cc: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Snyder, PPI Darnell Earley
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Works for me!

Sent from my iPhone

On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:

All,

Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:

"The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County."

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PPI mobile

From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy
Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

PPI

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 13, 2015 11:49 AM
To: Kelly Rossman-McKinney
Cc: Michelle Zdrodowski; connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Snyder, PPI arnell Earley
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Calling you now, Michelle.

Thanks much,
SW

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

On Oct 13, 2015, at 11:37 AM, Kelly Rossman-McKinney < PPI wrote:

> Works for me!
>
> Sent from my iPhone
>
> On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:
>
> > All,
> >
> > Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:
> >
> > "The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County."

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From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy
Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

PPI

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: John Austin PPI
Sent: Thursday, October 15, 2015 11:57 AM
To: John Austin
Subject: Michigan Water Failures Threaten Blue Economy

Thank you for your interest and support! View this email in your browser

Dear Friends,

We have all been working together to appreciate and grow our Michigan Blue Economy. Michigan can realize new economic opportunities as the "smart water" business innovators; a global water education and research powerhouse; and leverage our abundant and beautiful waters to make Michigan the most attractive place to live, work and play. As we saw in the michiganblueeconomy.org report, 1 in 5 Michigan jobs are already tied to water.

And water is essential to life. Bad water can literally kill you. And Michigan is blessed with lots of clean water.

That is why I share with you how important it is to confront our water challenges. All the work we have been doing to grow our Blue Economy is at risk in recent water failures dominating the news, which must be made right.

The Flint water crisis underscores the urgency to attend to our aging water infrastructure. Another threat to Pure Michigan and our natural

Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download of this picture from the Internet.

The Michigan Economic Center and GVSU Annis Water Resources Institute are very excited to release our interactive report and website.

- Access the "Michigan's Blue Economy" interactive report
- Share your Michigan Blue Economy story

Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download of this picture from the Internet.

water economic advantage are oil pipelines under and near our precious Great Lakes.

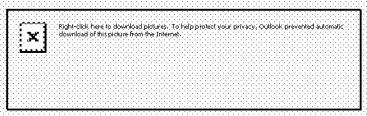
Here is a recent editorial I published in the Detroit Free Press urging us to action to protect our special Blue Economy, and invest to rebuild our communities, and keep our people save and healthy.

http://www.freep.com/story/opinion/contributors/2015/10/15/michigans-mounting-water-failures/73830438/

Please share with your own social media networks, and send a message to miblueeconomy@gmail.com about the importance of protecting our water, and rebuilding our water infrastructure.

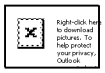
For more about the Blue Economy go to www.MiEconomicCenter.org or Michigan Economic Center and GVSU Annis Water Resources Institute on Facebook.

Thank you,

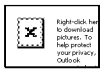


John Austin
Director, Michigan Economic Center
President, State Board of Education
Nonresident Senior Fellow, Brookings Institution

Facebook



Twitter



Website

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You are receiving this email because you have either signed up through the Michigan Economic Center or because we thought you might be interested in updates on the work of John Austin in leading public education and economy-building efforts in Michigan.

Our mailing address is:
Michigan Economic Center at the Prima Civitas Foundation
325 E Grand River Ave, Suite 275
East Lansing, MI 48823

Add us to your address book

unsubscribe from this list update subscription preferences

John Austin

President, Michigan State Board of Education
Director, Michigan Economic Center at Prima Civitas
Non-Resident Senior Fellow, Brookings Institution
PPI
www.MiEconomicCenter.org

and follow-me on Twitter PPI

Subject:	RDS/JW/SW- PRINT interview with Hiram Jackson and Keith Owens of the Michigan Chronicle
Location:	Governor's SEMI Office
Start:	Mon 10/19/2015 11:05 AM
End:	Mon 10/19/2015 11:30 AM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Recent articles:
DPS schools highlight good attendance on Count Day: http://michronicleonline.com/2015/10/06/dps-schools-highlight-good-attendance-on-count-day/
LIFT working with Detroit STEM students on virtual game: http://michronicleonline.com/2015/10/02/lift-working-with-detroit-stem-students-on-virtual-game/
When will Detroit parents be allowed off the DPS plantation?: http://michronicleonline.com/2015/10/06/when-will-detroit-parents-be-allowed-off-the-dps-plantation/
Change on the horizon for DPS? Crime decline says so: http://michronicleonline.com/2015/09/22/change-on-the-horizon-for-dps-crime-decline-says-so/

NOTE: Keith Owens is the new editor of the Michigan Chronicle. He was most recently a communications consultant but worked at the Chronicle earlier in his career. He also did Communications for Wayne County's Treasurer's Office, was an opinion columnist for the Freep and wrote for Metro Times. Article about Keith's hiring:
http://www.freep.com/story/money/business/michigan/2015/08/07/michigan-chronicle-editor/31282199/

Last interview: 5/28/15 at Mackinac (with Bankole who now left the Chronicle)

Market: Southeast Michigan- online at michiganchronicle.com

Contact: Hiram cell: PPI Office: 313-963-5522

Subject:	RDS/JW/DMurray- PRINT interview with Crain's Detroit Business' editorial and reporting teams
Location:	1155 Gratiot Ave, Detroit
Start:	Mon 10/19/2015 12:15 PM
End:	Mon 10/19/2015 12:45 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Reporters participating:
Mary Kramer- publisher
Jennette Smith- editor
Michael Lee- new managing editor
Sherri Welch- senior reporter
Lindsay VanHulle – Lansing correspondent

Article from Sept on staff changes/promotions at Crain's:
http://www.crainsdetroit.com/article/20150911/NEWS/150919960/crains-hires-newsroom-staff-promotes-jennette-smith-to-editor

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Recent articles:
Focus: Hope idles workforce training after state grants lapse-
http://www.crainsdetroit.com/article/20151011/NEWS/310119979/focus-hope-idles-workforce-training-after-state-grants-lapse
DTE, Consumers Energy want to shut off Michigan's renewable energy mandates-
http://www.crainsdetroit.com/article/20151011/NEWS/310119977/dte-consumers-energy-want-to-shut-off-michigans-renewable-energy
PSC: Energy efficiency programs should save Michigan customers $4.2 billion-
http://www.crainsdetroit.com/article/20151002/BLOG020/151009958/psc-energy-efficiency-programs-should-save-michigan-customers-4-2
Young Detroiters to experiment with entrepreneurship during Startup Weekend-
http://www.crainsdetroit.com/article/20151016/NEWS/151019914/young-detroiters-to-experiment-with-entrepreneurship-during-startup

Last interview: 8/24/15 with Lindsay VanHulle from China

Market: Southeast Michigan- online at crainsdetroit.com

Contact: Michael cell: PPI Jennette cell: PPI

Security POC: Barbara Cooney- PPI

Subject:	RDS/JW/SW- PRINT interview with Detroit News' reporting and editorial teams
Location:	160 W. Fort St. Detroit, MI 48226 - 3rd Floor
Start:	Mon 10/19/2015 12:55 PM
End:	Mon 10/19/2015 1:35 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Reporters participating (Subject to change):
Ingrid Jacques
Kaitlyn Buss
John Wolman
Chad Livengood
Richard Burr
Shawn Lewis

NOTE: Nolan is in Paris with his granddaughter

Recent articles:
State's $6M aid for Flint water switch signed into law: http://www.detroitnews.com/story/news/politics/2015/10/15/flint-get-aid-switch-drinking-water/73986956/
Snyder: Road fund talks hit dead end: http://www.detroitnews.com/story/news/politics/2015/10/13/michigan-roads/73870236/
Gov. Snyder on the big game: 'Go Blue!': http://www.detroitnews.com/story/sports/2015/10/12/gov-snyder-big-game-go-blue/73843434/
Snyder signs law to let drivers show insurance on phone: http://www.detroitnews.com/story/news/politics/2015/10/08/snyder-signs-law-let-drivers-show-insurance-phone/73570554/

Last interview: 9/16/15 with Daniel Howes from Japan

Market: Southeast Michigan / online – www.detroitnews.com

Contact: Ingrid cell: PPI Ingrid desk: 313-223-4610

Subject:	RDS/JW/SW- PRINT interview with Detroit Free Press' reporting and editorial teams
Location:	160 W. Fort St. Detroit, MI 48226 - 2nd Floor
Start:	Mon 10/19/2015 1:40 PM
End:	Mon 10/19/2015 2:20 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: To update the media about your work to improve education in Detroit and discuss proposed legislation.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Reporters participating:
Stephen Henderson
Brian Dickerson
Nancy Kaffer
Jewel Gopwani
Ann Zaniewski
Lori Higgins
Paul Egan or Kathy Gray
Rochelle Riley
Tom Walsh

Recent articles:
Rochelle Riley: State must stop robbing Detroit schools: http://www.freep.com/story/news/columnists/rochelle-riley/2015/10/10/state-must-stop-robbing-schools-michigan-funding-education-detroit/73223738/
State funding for Flint water is just a down payment: http://www.freep.com/story/news/columnists/rochelle-riley/2015/10/16/state-funding-flint-water-down-payment/73977446/
Senate approves, Snyder signs cash for Flint water fix: http://www.freep.com/story/news/local/michigan/2015/10/15/senate-gives-quick-unanimous-approval-flint-water-fix/73979168/
Road deal: There may still be hope: http://www.freep.com/story/news/politics/2015/10/14/road-funding-talks-enter-cooling-off-phase/73935602/
State jobless rate below national average: http://www.freep.com/story/money/business/michigan/2015/10/14/michigan-unemployment-falls-below-national-average/73933978/

Last interview: 9/16/15 w/ Matt Dolan re: Japan/Germany

Market: Southeast Michigan- online at freep.com

Contact: Selma- PPI ; Jewel- PPI

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Thursday, October 29, 2015 3:53 PM
To: Hollins, Harvey (GOV)
Cc: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Darnell Earley
Subject: Flint EM Order On Water Plant Upgrades
Attachments: Water Plant EO-Kurtz Order on Water Plant.pdf

Harvey,

Mr. Earley asked that I send you the attached executive order signed by former Flint EM Edward Kurtz, which clearly indicates that a decision on the use of Flint River water had been made by June of 2013.

This was not included in the packet of documents that had previously been provided by Treasury.

Any questions, please let him know.

Thanks,

Z

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office

PPI

EM SUBMISSION NO.: 2013 EM140

PRESENTED: 6-21-13

ADOPTED: 6-26-13

BY THE EMERGENCY MANAGER:

Resolution Authorizing Approval to Enter into a Professional Engineering Services Contract for the Implementation of Placing the Flint Water Plant into Operation

The City of Flint requires professional engineering services for assistance in placing the Flint Water Plant into operation using the Flint River as a primary drinking water source for approximately two years and then converting to KWA delivered lake water when available at a cost of $171,000.00; and

The City of Flint is seeking to enter into a sole source contract with Lockwood, Andrews & Newnam, Inc., with funding coming from the Utilities Administration FY14 account in 591-536.100-801.000; and

IT RESOLVED, That appropriate City Officials are authorized to enter into a Professional Engineering Services contract with Lockwood, Andrews & Newnam, Inc., for the administration of placing the Flint Water Plant into operation using the Flint River as a primary drinking water source at a cost of $171,000.00. Funding will come from the Utilities Administration FY14 account 591-536.100-801.000

APPROVED AS TO FORM:

Peter M. Bade, Chief Legal Officer

APPROVED AS TO FINANCE:

Jerry Ambrose, Finance Director

EM DISPOSITION:

ENACT ✓ **FAIL** _____ **DATED** 6-26-13

Edward J. Kurtz, Emergency Manager

RESOLUTION STAFF REVIEW

Date: June 17, 2013

Agenda Item Title: Resolution Authorizing Approval to Enter into a Professional Engineering Services Contract for the implementation of Placing the Flint Water Plant into Operation

Prepared by:
Yolanda Gray, Utilities Accounting Coordinator

Summary of Proposed Action:
Resolution authorizing the City of Flint to enter into a sole source contract with Lockwood, Andrews & Newnam for professional engineering services to place the Flint Water Plant into operation using the Flint River as a primary drinking water source.

Financial Implications:
$171,000.00

Pre-encumbered?: Yes____ No x Requisition: Funding will be available in the FY14 Utilities Administration budget.

Account No. FY14 591-536.100-801.000

Other implications (i.e. collective bargaining):
No other implications are known at this time.

Staff Recommendation: Recommend Approval

Staff Person

Howard Croft
Infrastructure & Development Director

Daugherty A. Johnson III
Utilities Administrator

From: Darnell Earley <darnell.earley@detroitk12.org>
Sent: Monday, November 02, 2015 8:03 AM
To: Baird, Richard (GOV); Saxton, Thomas (Treasury)
Cc: McPhee, Karen (GOV); Walsh, John (GOV); Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV); Michelle Zdrodowski; Kelly Rossman-McKinney
Subject: As Doscussed

As discussed, I will be interviewed on WKAR this morning at 9. The topic of course is DPS and I was told to expect some questions regarding the Flint water issue.

Darnell

Sent from my iPhone

From: Brownfield, Michael (GOV)
Sent: Thursday, November 05, 2015 2:55 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV)
Subject: SOTS outline v1
Attachments: SOTS-v1.docx

See attached and pasted below. Please let me know if you have any edits.

2015

I. Intros and Acknowledgments

Not Responsive

II. Quality of Life

Not Responsive

B. Flint water and sewer (MB to contact Lyon)

Not Responsive

Not Responsive

2015

I. Intros and Acknowledgments

Not Responsive

II. Quality of Life

Not Responsive

B. Flint water and sewer (MB to contact Lyon)

Not Responsive

From: Wurfel, Sara (GOV)
Sent: Monday, November 09, 2015 3:48 PM
To: Walsh, John (GOV); Posthumus, Dick (GOV); Ackerman, Darin (GOV); Lange, Michelle (GOV); Stoken, Laura (GOV); Redford, James (GOV); Mcbride, Bill (GOV)
Subject: FW: Flint water school testing results - TODAY
Attachments: School results PR.docx

Importance: High

Making sure you guys are in the loop too.

Holler with any Qs or if you need anything else at all.

From: Wurfel, Sara (GOV)
Sent: Monday, November 09, 2015 3:47 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: FW: Flint water school testing results - TODAY
Importance: High

Please see below and attached release per brief convo at senior staff. Sill no exact word on timing of blood lead level data from DHHS – hopefully by late this week.

DEQ also has video that they'll be using for some footage of the testing with TV stations. Link here: https://youtu.be/Amy4cDW7RtA

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results

At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The

assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Brown, Jessica (GOV)
Sent: Monday, November 09, 2015 2:44 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: FW: Flint water school testing results - 3 PM

Saw Dave was on this but since he's on the road, thought you should definitely see as well. DEQ is planning to issue at 3 p.m.

This is the first I've seen a draft but Dave may have been looped in on the back end. Looks ok and pretty thorough to me. If you need help trying to track any background info down let me know. Happy to reach out.

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Wells, Eden (DHHS) <WellsE3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Subject: School testing results

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, PPI krisztiang@michigan.gov

Freeman Elementary water testing shows lead exposure limited to fixtures

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On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Murray, David (GOV)
Sent: Thursday, December 03, 2015 1:05 PM
To: Baird, Richard (GOV); Hollins, Harvey (GOV); Mcbride, Bill (GOV); Walsh, John (GOV); Brownfield, Michael (GOV); Redford, James (GOV); Posthumus, Dick (GOV); Calley, PPI Forstner, Nathaniel (GOV)
Subject: Flint water release today
Attachments: Flint EBL Data Press Release V9.docx; Comms Plan - Flint EBL Data Summary 12315.docx; Flint Blood Lead Level Summary Report Dec.pdf

Team,

DHHS is sending out this update on Flint blood lead testing this afternoon. Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according to a report issued today by the Michigan Department of Health and Human Services.

We've worked with the folks there to make the release as reader friendly and people focused as possible, and also to show some historical context. The graph on the PDF is particularly effective, showing that levels were just as high in 2010.

Please share any concerns you may have.

Dave

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 3, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according to a report issued today by the Michigan Department of Health and Human Services.

This marks the first summary report on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHHS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the Genesee County Health Department to reach these families. We will remain diligent in our ongoing outreach and education efforts."

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of 969 children age 17 or younger and 9 of 392 adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported to MDHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. Five micrograms per deciliter is the level that the Centers for Disease Control and Prevention considers elevated and triggers health care professional follow up with families.

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

In the third quarter of 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. During the same months in 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in the third quarter of 2015.

– MORE –

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state is providing funding for GCHD nurses to work with families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to meet with families in their homes to identify lead exposures, address questions and provide water filters. People can be exposed to lead from paint, soil, plumbing and other sources.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For updates, visit www.michigan.gov/flintwater.

# # #

Flint EBL Data Summary

Communications Plan

Purpose

To release elevated blood lead level data for the city of Flint and communicate the summary to our partners in the community as well as local and state media. The report is intended to inform residents about blood lead level testing efforts in Flint and provide preliminary cumulative numbers on an ongoing basis.

Communications Timeline – December 3, 2015

11 a.m.

- Send final release and summary report to Governor's office, Michigan Department of Environmental Quality

1:30 p.m.

- Send final embargoed release and summary report to:
  - Genesee County Health Department – Geralyn Lasher
  - Dr. Mona Hannah-Attisha – Geralyn Lasher
  - Task Force Members – Geralyn Lasher
  - City of Flint Mayor's Office – Geralyn Lasher
  - Congress and legislature – Elizabeth Hertel

2 p.m.

- Issue press release and summary report
- Post press release and summary report to MDHHS website newsroom and Flint Water website, www.michigan.gov/flintwater

3 p.m.

- Pitched media interviews with Dr. Eden Wells:
  - Ron Fonger, MLive
  - Kristi Tanner, Detroit Free Press
  - Robin Erb, Detroit Free Press
  - Steve Carmody, Michigan Radio

MDHHS Contacts – Office Number 517-241-2112

- Geralyn Lasher, cell –
- Angela Minicuci, cell –
- Jennifer Eisner, cell –

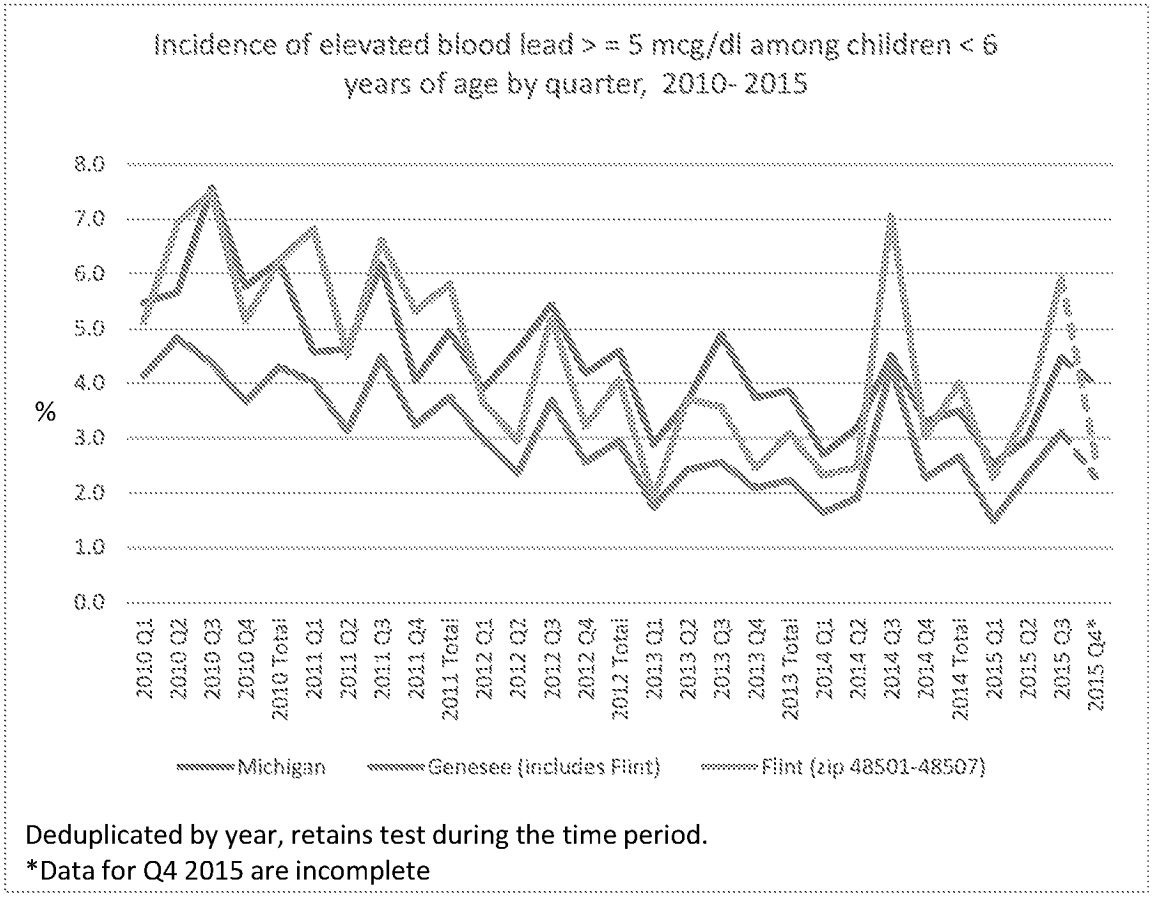
PPI

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of November 13, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



Deduplicated by year, retains test during the time period.
*Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	120,699	5,778	2,704	10,841	1,197	765
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,200	149	101	309	10	8
Total tested for lead 10/1/2015 to 11/13/2015:	14,593	957	560	1,412	502	409
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	583	22	15	38	6	6

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	11,685	860	526	143,225	7,835	3,995
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,195	30	15	5,704	204	124
Total tested for lead 10/1/2015 to 11/13/2015:	1,615	483	392	17,620	1,942	1,361
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	160	11	9	781	44	30

** Data for Quarter 4 of 2015 are incomplete and subject to change*

From: Holland, Meegan (GOV)
Sent: Thursday, December 24, 2015 8:08 AM
To: Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Walsh, John (GOV); Calley, PPI Snyde PPI Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: BRIEFING: Auditor General answers on Flint water situation
Attachments: Auditor General Letter - City of Flint Drinking Water (002).pdf

Colleagues:

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions came as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the DEQ had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint WTP, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The EPA had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. But in April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant (WTP) was not doing corrosion control. DEQ later explained that its first response referred to its program to monitor a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine optimal corrosion treatment. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that ODWMA employees appeared to have notified management properly about the unfolding Flint water situation.

DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule (LCR) monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule; the upshot: corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't oversee the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or Flint's certifications. In November 2015, Flint admitted that it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. It was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The report said it's tough to determine if the lateness of the sampling affects the accuracy.

The report ends with an excellent timeline. I have attached the report in case you want to review the timeline on page 11.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
PPI
Twitter: @meholland

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

DRAFT

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

DRAFT

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

DRAFT

Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

The Flint River was approved by DEQ in 2006 as a backup source of water for emergency purposes prior to the switch from the DWSD WTP to the Flint WTP. On a quarterly basis, the Flint WTP tested the treated Flint River water at the Flint WTP, which met water quality standards; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

DRAFT

The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

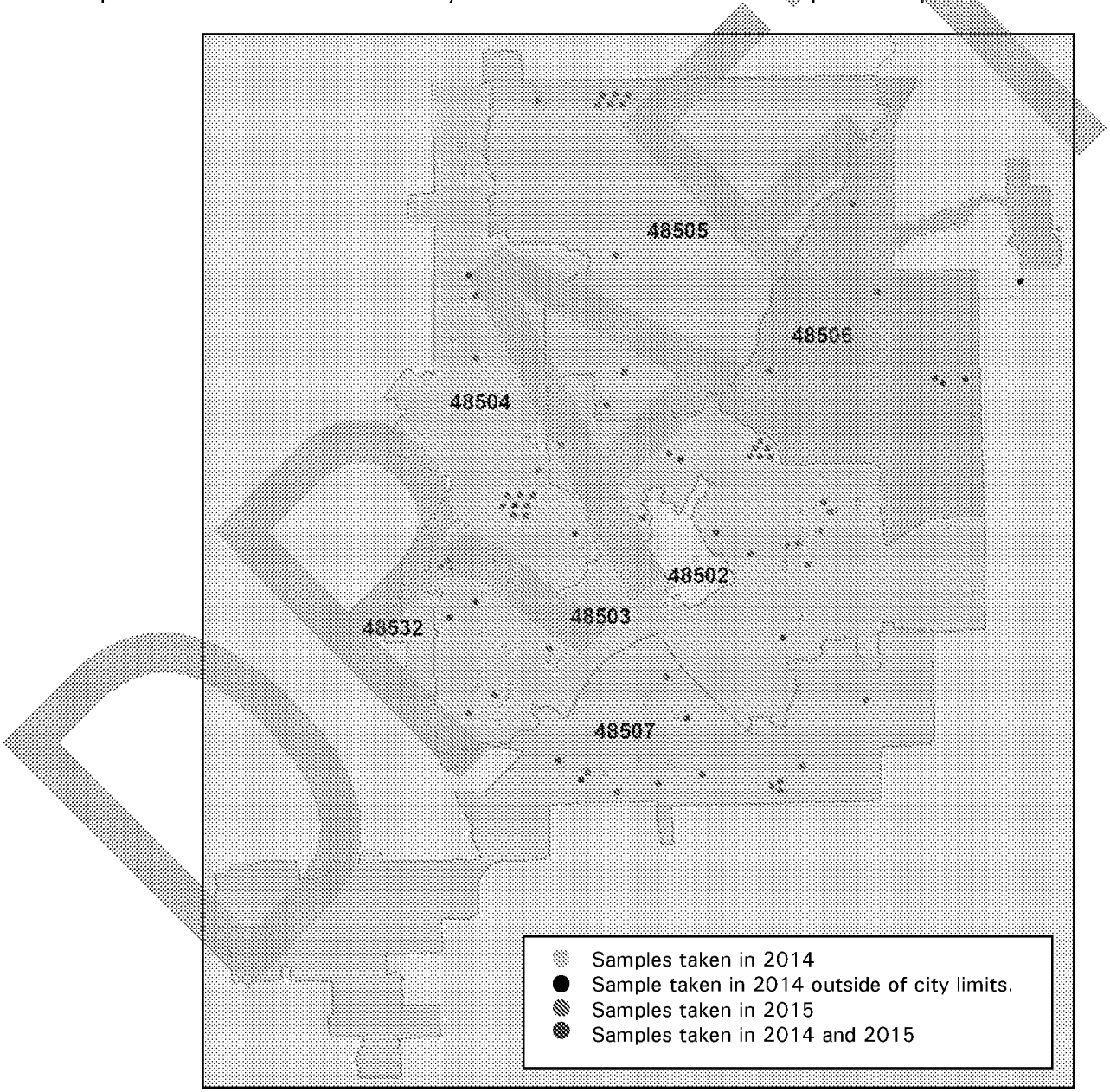
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

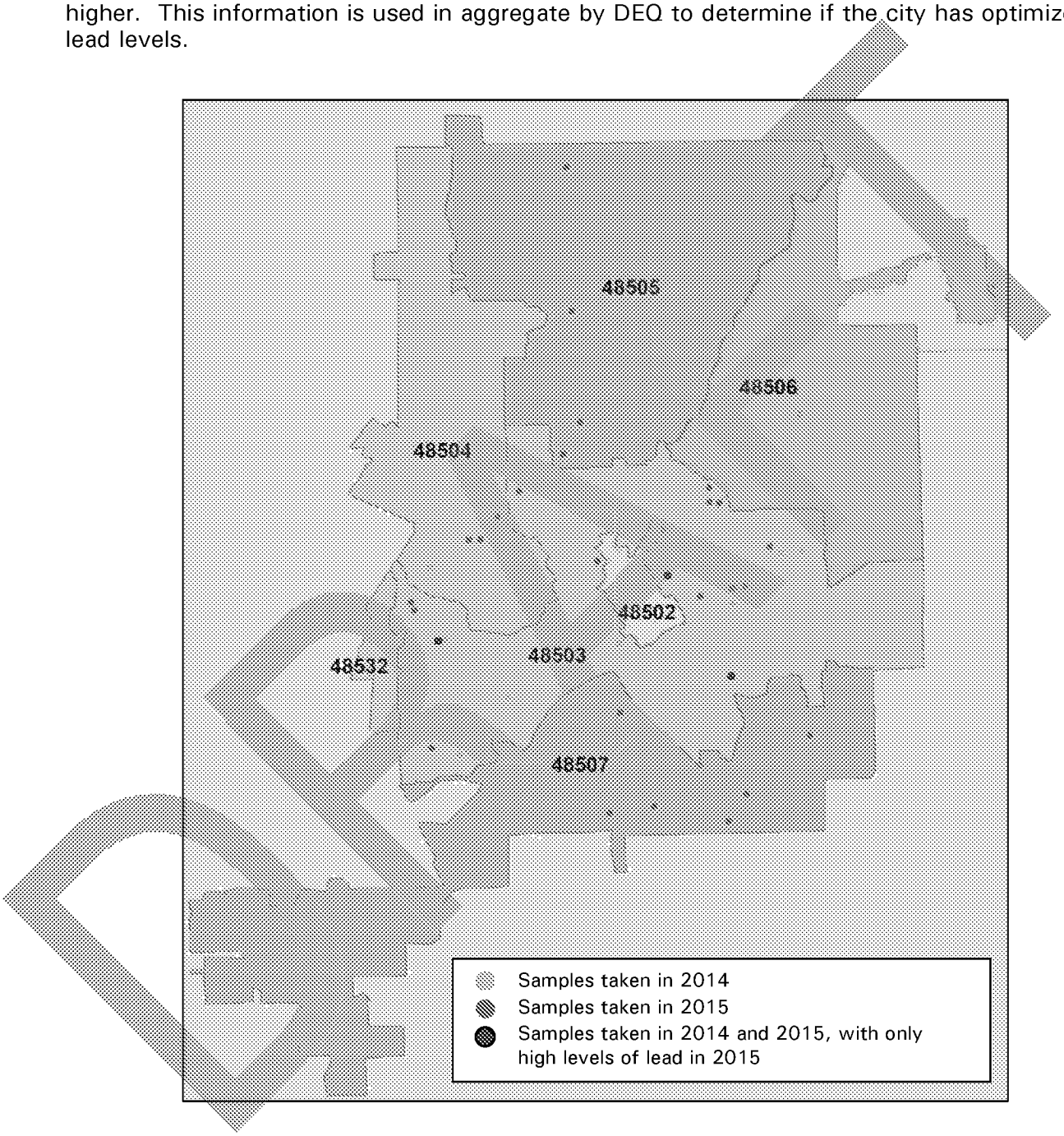
As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

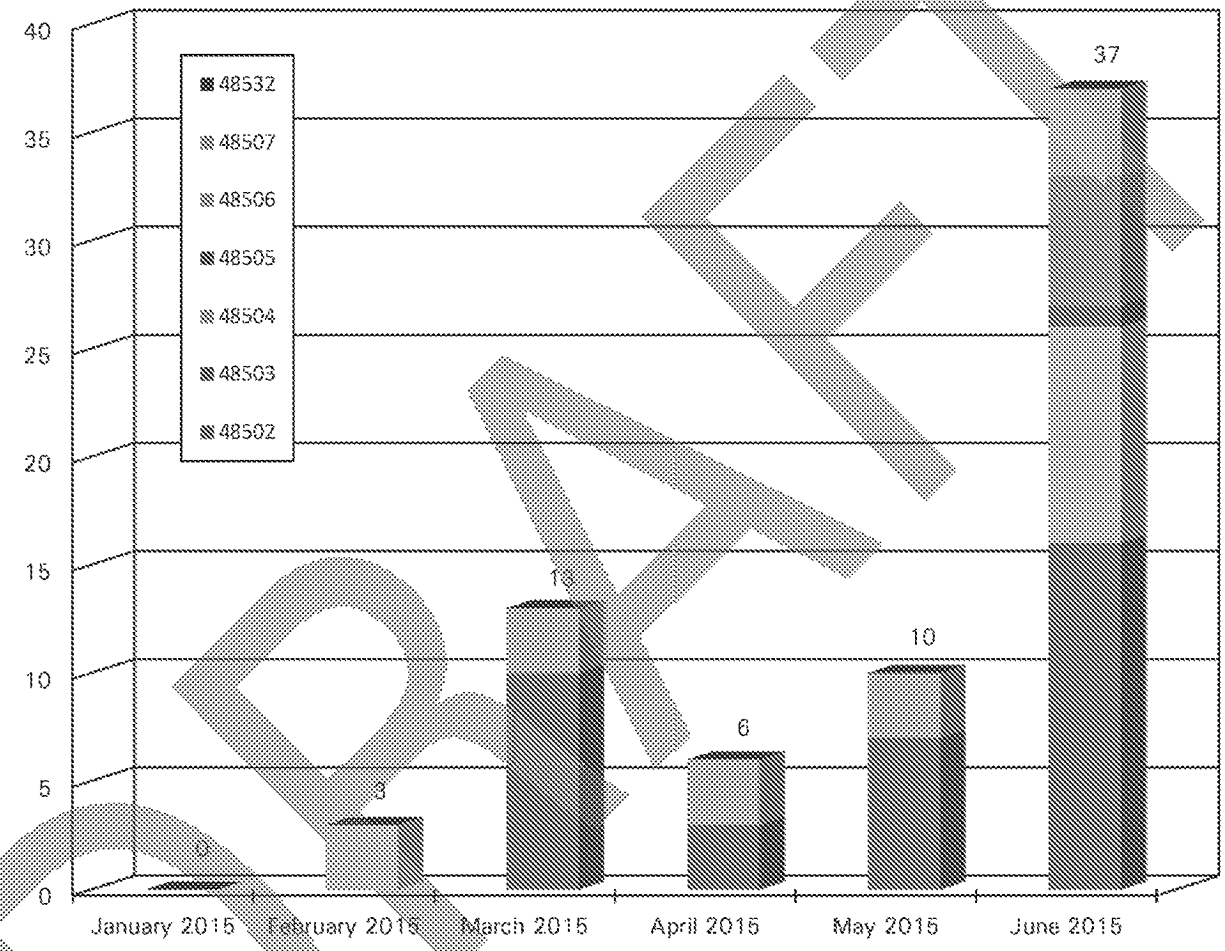
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.

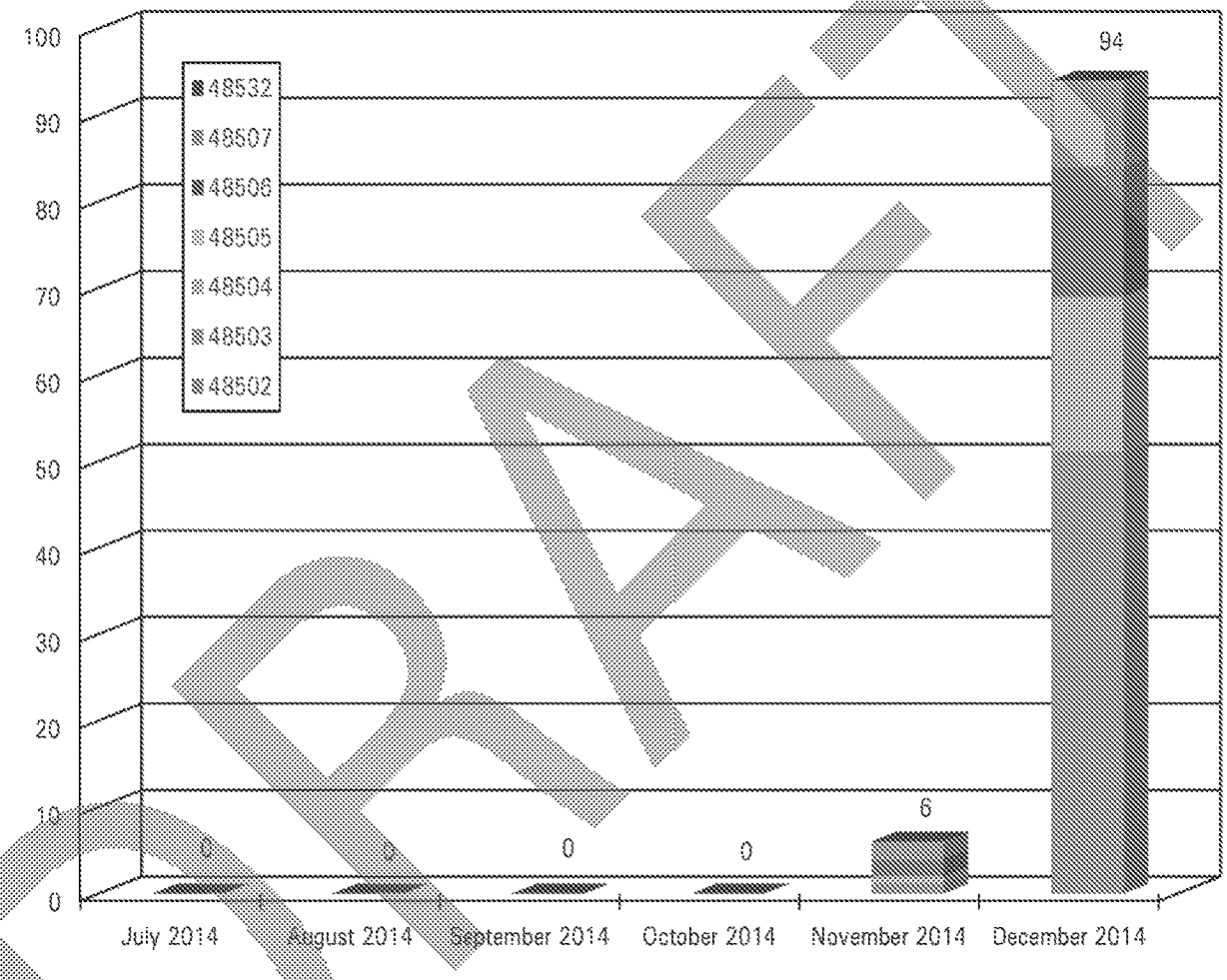


Source: The OAG prepared this chart using data obtained from DEQ.

DRAFT

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



DRAFT

Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Calley PPI
Sent: Thursday, December 24, 2015 8:36 AM
To: Holland, Meegan (GOV)
Cc: Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Walsh, John (GOV); Snyder PPI Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Re: BRIEFING: Auditor General answers on Flint water situation

Great summary. Thank you.

Is this on publicly released yet?

On Dec 24, 2015, at 8:07 AM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:

> Colleagues:
>
> Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions came as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
>
> **Conclusions:**
>
> While the City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the DEQ had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint WTP, but Flint had never tested its effect on the distribution system.
>
> In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The EPA had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. But in April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant (WTP) was not doing corrosion control. DEQ later explained that its first response referred to its program to monitor a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine optimal corrosion treatment. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that ODWMA employees appeared to have notified management properly about the unfolding Flint water situation.
>
> DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule (LCR) monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule; the upshot: corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.
>
> DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't oversee the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or Flint's certifications. In November 2015, Flint admitted that it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. It was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The report said it's tough to determine if the lateness of the sampling affects the accuracy.

The report ends with an excellent timeline. I have attached the report in case you want to review the timeline on page 11.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
PPI
Twitter: @meholland

<Auditor General Letter - City of Flint Drinking Water (002).pdf>

From: Baird, Richard (GOV)
Sent: Thursday, December 24, 2015 9:53 AM
To: Holland, Meegan (GOV)
Cc: Hollins, Harvey (GOV); Posthumus, Dick (GOV); Redford, James (GOV); Walsh, John (GOV); Clement, Elizabeth (GOV); Calley, PPI Agen, Jarrod (GOV)
Subject: Re: Please provide feedback: Governor's statement on Flint water crisis

This is the best narrative I have seen that actually describes how we feel about the situation and our resolve to make things right. A few thoughts:

We might think about a "lead in" to your second para in the statement. Something like "The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, State and Federal officials and complete an independent fact based analysis. They have reviewed hundreds of documents at all levels of government and from the public health science community and continue to do so.

Para 3 might unintentionally suggest that there are public health stakeholders who are not as serious as the governor. This may be an overreach, but may I suggest

"When it comes to matters of health and quality of life, there is simply no room for error in testing for lead and other toxins. I understand there can be disagreements within the scientific community. That is why I have directed my Directors of MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that every testing protocol and conclusion validates that Flint citizens will have safe drinking water, and that we are doing everything possible to ensure proper monitoring and remediation of blood levels and physical or neurological impacts over the long term. And I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened."

Nick and Dan might not like the "invite" but I spoken with them both and they of course will support whatever the Boss decides.

Thanks,

Rich

Sent from my iPad

On Dec 24, 2015, at 7:41 AM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:

> Colleagues:
>
> Many of us have reached the conclusion that our messaging on the Flint water crisis has room for improvement. We haven't conveyed to citizens the depth of our concern over the situation. I've crafted a statement to be made by the Governor, and would like you to review it.
>
> This statement is meant to manage expectations on the timing of concrete conclusions (the task force report may not come out for another month at least) and to signal that action may come sooner than that (we plan to reach out to Mayor Weaver, for example, and perhaps hold a press conference with her in January announcing some next steps).

Here is the statement:

"I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.

"No matter what the testing requirements were, they were not enough to prevent this crisis. I want Michigan to be the state that is known for the safest water in the nation.
"I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. The report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"The bottom line is we'll take responsibility for our part in Flint's water crisis. I'm committed to partnering with all of the stakeholders who are as concerned about public health as I am. I vow to make sure that Flint citizens will have safe drinking water. And I'm so very sorry that this happened.

"But I know an apology isn't enough. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

"What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right."

Thank you,
Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
PPI
Twitter: @meholland

From: Calley PPI
Sent: Thursday, December 24, 2015 10:06 AM
To: Baird, Richard (GOV)
Cc: Holland, Meegan (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Redford, James (GOV); Walsh, John (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV)
Subject: Re: Please provide feedback: Governor's statement on Flint water crisis

I totally agree with going so far as to specifically apologize. I also like Rich's suggestions. The statement should convey three main points: 1) very sorry with no excuses 2) open and transparent 3) urgency in action steps going forward.

I think this statement accomplishes those goals.

On Dec 24, 2015, at 9:53 AM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

> This is the best narrative I have seen that actually describes how we feel about the situation and our resolve to make things right. A few thoughts:
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"No matter what the testing requirements were, they were not enough to prevent this crisis. I want Michigan to be the state that is known for the safest water in the nation. "I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. The report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"The bottom line is we'll take responsibility for our part in Flint's water crisis. I'm committed to partnering with all of the stakeholders who are as concerned about public health as I am. I vow to make sure that Flint citizens will have safe drinking water. And I'm so very sorry that this happened.

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"What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right."

Thank you,
Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 2:09 PM
To: Calley, PPI Snyder, PPI Walsh, John (GOV); Redford, James (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Update on OAG letter and our statement

Colleagues,

The Office of the Auditor General has released the letter. We've developed a statement, based on the summary you read the other night, that spells out how things came down. We hope media will pick up on the fact that the DEQ was largely following protocols, or in one case, an ambiguous one that EPA later clarified.

FYI - Sen. Ananich has released the following in regard to the OAG letter: "The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," said Ananich. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

On Tuesday, we plan to release this statement by the Governor. It's been tweaked slightly since our review the other night, thanks to feedback from the Governor, Jim Redford and others.

"I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.

"The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, state and federal officials to complete its independent analysis. They are reviewing hundreds of documents at all levels of government and from the public health science community.

"I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. Their report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"No matter what the testing requirements were, they were not enough to prevent this crisis.

"When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

"I understand there can be disagreements within the scientific community. That is why I have told my directors at MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of blood levels and other health impacts over the long term.

"I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened.

"But I know an apology isn't enough. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

"I want to assure residents there that we will work hard to make things right."

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 1:21 PM
To: Posthumus, Dick (GOV); Walsh, John (GOV); Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Hollins, Harvey (GOV); Calley, PPI (GOV); Redford, James (GOV)
Subject: Flint water statement

Here is a statement from the Governor that will go out around 2-2:30 p.m. to the media. We'll also give a heads up to executive staffers and some others. - Meegan

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When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community members to make sure we hear and respond to their concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

Meegan Holland
Director of Communications for Gov. Rick Snyder

Office: 517-335-6397
PPI
Twitter: @meholland

From: Adler, Ari (GOV)
Sent: Tuesday, January 05, 2016 7:38 PM
To: Redford, James (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Forstner, Nathaniel (GOV); Baird, Richard (GOV); Holland, Meegan (GOV); Murray, David (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Walsh, John (GOV); Brownfield, Michael (GOV); Scott, Allison (GOV)
Cc: Smith, Paul (GOV); Weber, Travis (GOV); Arwood, Cheri (GOV); Thomet, Ruth (GOV)

Attorney-Client Privilege

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 5:43 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Adler, Ari (GOV) <AdlerA@michigan.gov>; Brownfield, Michael (GOV) <BrownfieldM2@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Cc: Smith, Paul (GOV) <SmithP29@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>

Attorney-Client Privilege

Attorney-Client Privilege

James Robert Redford
Legal Counsel
Executive Office of the Governor

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 02, 2015 3:44 PM
To: Stoken, Laura (GOV); Wurfel, Brad (DEQ)
Cc: Murray, David (GOV)
Subject: RE: FLINT WATER : New form letter- proposed below

Looks good to me. Thanks!

From: Stoken, Laura (GOV)
Sent: Friday, October 02, 2015 2:56 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: FLINT WATER : New form letter- proposed below

Hey There,

Would you please review the below "form letter" to be blasted out to constituents writing the Governor regarding Flint Water.
Thanks,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

Thank you for your recent correspondence sent to Governor Rick Snyder regarding the water in Flint. As a member of Governor Snyder's staff, I am responding on his behalf.

Governor Snyder announced a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water. Flint residents need to have access to safe, clean, water now and long into the future. The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at the Governors direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint. This action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.
- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. The DEQ is covering the cost of this testing.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink. The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink.

Thank you, again, for taking the time to share your concerns with our office. Should you have any further comments, questions or concerns regarding this or any other state-related matter, I've included my contact information below.

Sincerely,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Biehl, Laura (GOV)
Sent: Thursday, October 08, 2015 10:09 AM
To: Stoken, Laura (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Kennedy, Jordan (GOV); Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: RE: Flint Water- talking Points
Attachments: 151008 Flint water release_FINAL.docx

Here's the press release that will be issued after the press conference ends.

This should cover what you need.

From: Stoken, Laura (GOV)
Sent: Thursday, October 08, 2015 10:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Flint Water- talking Points
Importance: High

Hi Team,

Given the announcement this morning, please provide as soon as possible talking points for this new process.

The live stream is cutting in and out so we are unable to watch/write what is happening.

Thank you,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services Kathryn Thomas, 810-766-1734 Mott Foundation Jason Lorenz, 810-237-2039 City of Flint	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, city, Mott Foundation, join to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe this transitional solution is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is expected to carry, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority, and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 10:25 AM
To: Stoken, Laura (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

Hi Laura,
Only change I have is in the 5th paragraph. It should be changed to read "The move to Detroit water carries many health benefits." I think that was a typo in the original press release.

Otherwise, looks good. Thanks!
Karen

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 9:59 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

Hi Team,

Please review.

Thank you,

Laura

From: Stoken, Laura (GOV)
Sent: Thursday, October 08, 2015 10:51 AM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Cc: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
Subject: FLINT WATER : New form letter- questions

Hi Team,

Please see below the proposed Flint Water form letter….

For our knowledge/ not the letter:
If someone can give me information on the initial switch that would be helpful- when, why.

Also, the action timeline from when the state found out about the lead, up to today.

Let me know if we are good to go on the letter.

Thank you,

Laura

Thank you for your recent correspondence sent to Governor Rick Snyder regarding the water in Flint. As a member of Governor Snyder's staff, I am responding on his behalf.

Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed. Governor Snyder has asked the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

Governor Snyder said "Flint residents need to have access to safe, clean, water now and long into the future." The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. The Governor appreciates Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children.

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

The move to Detroit water, which is expected to carry, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water. However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Governor Snyder, state, and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (MDHHS) also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

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Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Please visit Michigan.gov/Flintwater for additional resources.

Thank you, again, for taking the time to share your concerns with our office. Should you have any further comments, questions or concerns regarding this or any other state-related matter, I've included my contact information below.

Sincerely,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 12:01 PM
To: Stoken, Laura (GOV); Murray, David (GOV)
Subject: RE: FLINT WATER : New form letter- questions

I don't need talking points. We wrote the talking points on it, so I have those.

I was just wondering what you give your staff to use with callers. Do you always just use the press release? I assume you have some sort of file they can flip through for talking points on school funding, trade missions, the EM law, and every other topic the Governor has ever been involved with. I was wondering what those files look like. I just wanted to steal your template, not the content ☺

I'm not sure what "timeline" the Director referred to. We're developing a protocol for going back into the Flint public schools to examine the plumbing systems as well as conduct a detailed sampling involving several timed draws from every different faucet and fountain. But we're still working with DHHS on developing the protocol and then getting it approved by EPA.

We also have free testing available for any other school in Flint as well as any resident. But there's no timeline to that – it's just what samples people send in.

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 11:15 AM
To: Murray, David (GOV)
Cc: Tommasulo, Karen (DEQ)
Subject: FW: FLINT WATER : New form letter- questions

Hey Dave,

You may want to handle this one if DEQ needs some talking points for their phone team, I would love to be looped in with whatever is determined.

I provided my staff with the press release yesterday and that is what we are using.

As an aside: Karen if your team could please provide me with the timeline for testing the Director stated yesterday n the press conference that would be helpful.

Thanks,

Laura

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 10:58 AM
To: Stoken, Laura (GOV) <Stokenl@michigan.gov>
Subject: RE: FLINT WATER : New form letter- questions

Can you send me the "package" you give your staff to handle calls on Flint water? I assume it includes this letter plus some sort of Q&A for callers?

We have a constituent services-type phone service that we need to get more info on Executive Office priorities, including Flint water, but also just in general. I was hoping to see what you give your staff so I can replicate it as a sort of template to give ours when issues arise.

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 10:25 AM
To: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

Thanks Karen…..

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 10:25 AM
To: Stoken, Laura (GOV) <StokenL@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
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Laura

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Cc: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
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To best protect public health, Governor Snyder, state, and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (MDHHS) also committed an additional $3.5 million for water filters, free lead testing through the state

laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Please visit Michigan.gov/Flintwater for additional resources.

Thank you, again, for taking the time to share your concerns with our office. Should you have any further comments, questions or concerns regarding this or any other state-related matter, I've included my contact information below.

Sincerely,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Adler, Ari (GOV)
Sent: Friday, October 16, 2015 8:52 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Stoken, Laura (GOV)
Cc: Brownfield, Michael (GOV)
Subject: RE: Lead Poisoning Proc

NO

--
Ari B. Adler
Special Projects Manager
Executive Office of Gov. Rick Snyder
adlera@michigan.gov
517-599-5445

On Fri, Oct 16, 2015 at 5:34 AM -0700, "Stoken, Laura (GOV)" <Stokenl@michigan.gov> wrote:

Hey There,

MDHHS requested on September 18th the Governor to issue a proclamation for Lead Poisoning Awareness Prevention and Prevention Week (October 25 – October 31). Given recent events I am not sure this is something we want to be issuing.

We did issue this proclamation in 2012 and 2014.

I am going to decline the proclamation unless you think this is something we should be doing.

Thanks,

Laura

From: Kica, Beata (GOV)
Sent: Friday, October 16, 2015 8:20 AM
To: Stoken, Laura (GOV) <Stokenl@michigan.gov>
Subject: Lead Poisoning Proc

Hi Laura,

Received an email this morning from Janice Berry at MDHHS checking in on a proclamation they requested on Sept. 18th for Lead Poisoning Awareness and Prevention month. It was sent to the tributes email but it doesn't look like any follow up happened with it. We do have a copy of a proc we did for this last year. I could put it together quickly, but am not sure with recent events what your take on this is.

Thanks!
Beata

From: Stoken, Laura (GOV)
Sent: Friday, October 02, 2015 2:56 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: FLINT WATER : New form letter- proposed below

Hey There,

Would you please review the below "form letter" to be blasted out to constituents writing the Governor regarding Flint Water.
Thanks,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

Thank you for your recent correspondence sent to Governor Rick Snyder regarding the water in Flint. As a member of Governor Snyder's staff, I am responding on his behalf.

Governor Snyder announced a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water. Flint residents need to have access to safe, clean, water now and long into the future. The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at the Governors direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint. This action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.

- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.
- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. The DEQ is covering the cost of this testing.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink. The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink.

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Sincerely,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Stoken, Laura (GOV)
Sent: Friday, October 02, 2015 4:24 PM
To: Murray, David (GOV)
Cc: Kennedy, Jordan (GOV)
Subject: FW: FLINT WATER : New form letter- proposed below

With your approval we will start sending out to the masses

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 02, 2015 3:44 PM
To: Stoken, Laura (GOV) <StokenL@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: FLINT WATER : New form letter- proposed below

Looks good to me. Thanks!

From: Stoken, Laura (GOV)
Sent: Friday, October 02, 2015 2:56 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: FLINT WATER : New form letter- proposed below

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Sent: Thursday, October 08, 2015 10:51 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: FLINT WATER : New form letter- questions

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To: Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

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Please review.

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Sent: Thursday, October 08, 2015 10:51 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
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Executive Office of the Governor, Rick Snyder
517.335.7858

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 10:25 AM
To: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

Thanks Karen.....

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 10:25 AM
To: Stoken, Laura (GOV) <Stokenl@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
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Karen

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Executive Office of the Governor, Rick Snyder
517.335.7858

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 11:15 AM
To: Murray, David (GOV)
Cc: Tommasulo, Karen (DEQ)
Subject: FW: FLINT WATER : New form letter- questions

Hey Dave,

You may want to handle this one if DEQ needs some talking points for their phone team, I would love to be looped in with whatever is determined.

I provided my staff with the press release yesterday and that is what we are using.

As an aside: Karen if your team could please provide me with the timeline for testing the Director stated yesterday n the press conference that would be helpful.

Thanks,

Laura

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 10:58 AM
To: Stoken, Laura (GOV) <StokenI@michigan.gov>
Subject: RE: FLINT WATER : New form letter- questions

Can you send me the "package" you give your staff to handle calls on Flint water? I assume it includes this letter plus some sort of Q&A for callers?

We have a constituent services-type phone service that we need to get more info on Executive Office priorities, including Flint water, but also just in general. I was hoping to see what you give your staff so I can replicate it as a sort of template to give ours when issues arise.

From: Stoken, Laura (GOV)
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To: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ)
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Only change I have is in the 5th paragraph. It should be changed to read "The move to Detroit water carries many health benefits." I think that was a typo in the original press release.

Otherwise, looks good. Thanks!
Karen

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 9:59 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ)
Cc: Kennedy, Jordan (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: FLINT WATER : New form letter- questions

Hi Team,

Please review.

Thank you,

Laura

From: Stoken, Laura (GOV)
Sent: Thursday, October 08, 2015 10:51 AM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Cc: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
Subject: FLINT WATER : New form letter- questions

Hi Team,

Please see below the proposed Flint Water form letter….

For our knowledge/ not the letter:
If someone can give me information on the initial switch that would be helpful- when, why.

Also, the action timeline from when the state found out about the lead, up to today.

Let me know if we are good to go on the letter.

Thank you,

Laura

Thank you for your recent correspondence sent to Governor Rick Snyder regarding the water in Flint. As a member of Governor Snyder's staff, I am responding on his behalf.

Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed. Governor Snyder has asked the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be

completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

Governor Snyder said "Flint residents need to have access to safe, clean, water now and long into the future." The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. The Governor appreciates Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children.

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

The move to Detroit water, which is expected to carry, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water. However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Governor Snyder, state, and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (MDHHS) also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Please visit Michigan.gov/Flintwater for additional resources.

Thank you, again, for taking the time to share your concerns with our office. Should you have any further comments, questions or concerns regarding this or any other state-related matter, I've included my contact information below.

Sincerely,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Stoken, Laura (GOV)
Sent: Friday, October 09, 2015 1:07 PM
To: Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: RE: Updated MDHHS Talking Points
Attachments: Flint Water Talking Points 100715.docx

This is perfect

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 09, 2015 12:21 PM
To: Stoken, Laura (GOV) <StokenL@michigan.gov>
Subject: FW: Updated MDHHS Talking Points

Here's some talking points from yesterday. It includes info on how, where and when to get filters. It also gives a little bit of info on the school testing results.

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 4:57 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Updated MDHHS Talking Points

Attached talking points updated to include info re: extended hours for water filter distribution, school testing results, NSF filter certification.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

Blood Lead Levels in Flint Talking Points
October 7, 2015

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Extended hours are being offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS currently serves approximately 25,000 households in Flint.

School Testing and Results

- The state today also released the first results from its free lead screening program in schools.
- Out of 13 buildings tested, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.
- However, this sampling provides only an initial screen, and MDHHS toxicologists will work with DEQ to conduct further testing.
- Schools on the Flint water system should continue using filtered or bottled water to protect against potential lead exposure.

Background Information

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.

- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.

- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Stoken, Laura (GOV)
Sent: Friday, October 16, 2015 8:34 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Brownfield, Michael (GOV); Adler, Ari (GOV)
Subject: RE: Lead Poisoning Proc

Hey There,

MDHHS requested on September 18th the Governor to issue a proclamation for Lead Poisoning Awareness Prevention and Prevention Week (October 25 – October 31). Given recent events I am not sure this is something we want to be issuing.

We did issue this proclamation in 2012 and 2014.

I am going to decline the proclamation unless you think this is something we should be doing.

Thanks,

Laura

From: Kica, Beata (GOV)
Sent: Friday, October 16, 2015 8:20 AM
To: Stoken, Laura (GOV) <StokenL@michigan.gov>
Subject: Lead Poisoning Proc

Hi Laura,

Received an email this morning from Janice Berry at MDHHS checking in on a proclamation they requested on Sept. 18th for Lead Poisoning Awareness and Prevention month. It was sent to the tributes email but it doesn't look like any follow up happened with it. We do have a copy of a proc we did for this last year. I could put it together quickly, but am not sure with recent events what your take on this is.

Thanks!
Beata

From: Stoken, Laura (GOV)
Sent: Saturday, December 19, 2015 8:41 PM
To: Murray, David (GOV)
Subject: Re: Flint water - Did you see this?
Attachments: image001.jpg

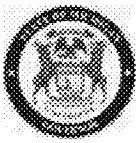
Sounds good- I'm expecting to walk into a high volume Monday morning...

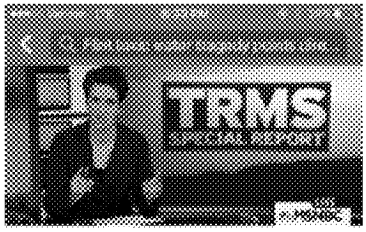
Have a great weekend!!!

Laura

Sent from my iPhone

On Dec 19, 2015, at 8:39 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Yes. Based on spcial media, I suspect certain groups are being advised to spread it around. We can talk about this on Monday.
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> **PPI**
> Twitter:@michigandmurray
>
> 
>
> **From:** Stoken, Laura (GOV)
> **Sent:** Saturday, December 19, 2015 8:37 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Flint water - Did you see this?
>
> http://www.msnbc.com/rachel-maddow/watch/toxic-water-tragedy-points-directly-to-snyder-588635715518
>
> <image002.png>
>
> Sent from my iPhone



Flint toxic water tragedy points directly to Michigan Gov. Snyder

10,425

Former Detroit mayor on the poisoning of Flint, Michigan residents when their water supply was switched, and showing exactly how responsibility for the tragedy falls to Governor Rick Snyder and his political and administrative policies.

Michelle Hawley Whitney shared a link.

Fred Sprague

From: Stoken, Laura (GOV)
Sent: Tuesday, December 29, 2015 3:02 PM
To: Weir, Elizabeth (GOV); Kras, Jason (GOV); Byrd, John (GOV); Robinson, Judy (GOV); Kica, Beata (GOV)
Cc: Murray, David (GOV)
Subject: Fwd: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Hi team,

Please hold response to Flint water correspondence until an updated letter can be determined with Comms.

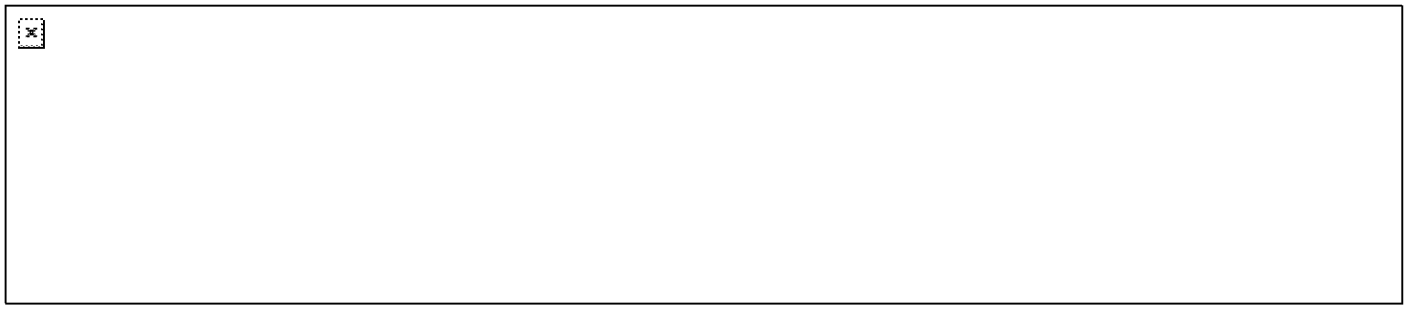
Thank you,

Laura

Sent from my iPhone

Begin forwarded message:

From: GOV Newsroom <govnewsroom@govsubscriptions.michigan.gov>
Date: December 29, 2015 at 2:44:53 PM EST
To: <stokenl@michigan.gov>
Subject: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force
Reply-To: <govnewsroom@govsubscriptions.michigan.gov>



Contacts: Dave Murray, Anna Heaton or Laura Biehl

517-335-6397

FOR IMMEDIATE RELEASE
Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

"I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

"These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of

life, we're committed to doing everything we can to protect the well-being of our citizens."

# # #

STAY CONNECTED:

This email was sent to stokenl@michigan.gov on behalf of: The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48909 · 517-335-7858

From: Scott, Allison (GOV)
Sent: Thursday, January 22, 2015 12:00 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Posthumus, Dick (GOV)
Subject: jim ananich

Brought up the flint water topic – any update for Gov on this subject? Dennis, gov thought you were checking into this.

Thanks
ALS

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 4:11 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Clement, Elizabeth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Rospond, Laurie (GOV)
Subject: RE: Flint water issue

Thanks all.

Just asking about DEQ representation - don't know if that might be helpful given the relatively high level of involvement they have with this issue - both past and present, or if that was for a reason?

-----Original Message-----
From: Clayton, Stacie (GOV)
Sent: Tuesday, January 27, 2015 3:11 PM
To: Hollins, Harvey (GOV); Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water issue

Greetings All,

The meetings on Wednesday that Harvey referenced on Senior Staff call regarding the Flint water issue are actually being facilitated by Dick Posthumus' Office. They will be held in the Romney building as follows:

10:00am - 11:00am (Internal Meeting in the 2nd Floor Executive Conference Room) Dick Posthumus Dennis Muchmore John Walsh Beth Clement Tom Saxton Harvey Hollins

2:00pm-3:pm (Full Meeting in the Governor's Conference Room) Jerry Ambrose Mayor Walling Howard Croft, Director of the Department of Public Works Tom Saxton Dick Posthumus Dennis Muchmore Beth Clement Sen. Ananich Andy Leavitt John Walsh Harvey Hollins

-----Original Message-----
From: Hollins, Harvey (GOV)
Sent: Tuesday, January 27, 2015 2:30 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: RE: Flint water issue

Stacie will set it up.

-----Original Message-----
From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 2:27 PM
To: Hollins, Harvey (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: Flint water issue

Hi there Harvey -

Just following up on this per brief conversation/mention at yesterday's senior staff meeting and Dave's voice mail to you as well.

I believe you had indicated you had a meeting on this tomorrow, yes?

We need to touch base and get all facts on this situation ASAP. Turning into unfortunate and unnecessary PR issue that we're trying to work with Treasury and DEQ to be on top of, stem, find resolution, etc.

Please call our office today to connect with Dave (as our lead on this) or myself or Jarrod if he's not available for some reason.

Thanks much,
SW

Sent from my iPad

From: Muchmore, Dennis (GOV)
Sent: Friday, January 30, 2015 9:52 AM
To: Posthumus, Dick (GOV)
Subject: FW: Letter of Appeal for Flint
Attachments: Neeley Letter to the Governor 01-29-15.pdf

Importance: High

Do you want to call him?

From: Rep. Sheldon Neeley (District 34) [mailto:SheldonNeeley@house.mi.gov]
Sent: Thursday, January 29, 2015 4:02 PM
To: GovernorsOffice
Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech
Subject: Letter of Appeal for Flint
Importance: High

Dear Gov. Snyder,
Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative
34th District - Flint
N-798 House Office Building
P. O. Box 30014
Lansing, MI 48909
Office: (517) 373-8808
Toll Free: (844) 4-NEELEY
FAX: (517) 373-5997
E-mail: sheldonneeley@house.mi.gov
Web: http://neeley.housedems.com

34TH DISTRICT
STATE CAPITOL
P.O. BOX 30014
LANSING, MI 48909-7514
PHONE: (517) 373-8838
FAX: (517) 373-8987
E-MAIL: sheldonneeley@house.mi.gov

MICHIGAN HOUSE OF REPRESENTATIVES

SHELDON A. NEELEY

STATE REPRESENTATIVE

January 29, 2015

Honorable Rick Snyder, Governor
State of Michigan

Dear Gov. Snyder,

With the dawn of a new beginning in our state, the city of Flint stands on the precipice of civil unrest. This letter comes as an appeal to your office concerning this proud Michigan community and recent discussions pertaining to Flint's water distribution and management strategies for both present and future operations. Flint has had a long history concerning the implementation of water practices and financial management of its water assets. Our present journey has caused us to take a closer look at our 80-year-old infrastructure and examine a difficult position where we must correct some past and even present challenges, one of which is affecting the people of my community to the point of a fervor over something as simple as drinking clean water.

As we engage these challenges, Flint must revisit the present water revolving loan plans to determine how these current funding obligations will affect water delivery and asset development for the future. It is clear that no significant improvements can be obtained without some supportive concessions. Therefore, I am requesting on behalf of the 34th District, which contains a portion of the city of Flint, for you to consider an executive decision to forgive (in-total or part) Flint's water fund loan balances of $20,770,336 so that we may effectively apply those funds to rebuilding the city's infrastructure, to competitively obtain highly qualified personnel and provide a more cost effective water delivery system. I understand there has been many requests made of your office to resolve this very serious issue, but this approach will best safeguard the health and welfare of the residents of Flint as well as minimize the potential for litigation against the city of Flint and/or the state of Michigan.

With a cost-effective water delivery system, we will be able to improve our system in the following ways: upgrade wastewater treatment processes, improve safe drinking water upgrades, and maintain and sustain a water system that provides a better quality of water product to the citizens of Flint.

Recycled Paper

It is imperative that this issue be addressed in some way on the state level. Residents of Flint are already finding themselves forced to take drastic measures simply to have clean drinking water.

Community health could be on the decline as citizens become afraid to even shower or bathe in their homes. The people of Flint bring bottles of brown water full of sediment and other foreign substances to community meetings, asking only to be treated as human beings. That is all I am asking of you - to see the suffering and anger from the people in one of Michigan's municipalities and understand that there is a need to react and respond to this crisis.

With the beginning of a new year to work toward a better Michigan, my office is ready to have discussions on this request and other planning that works to improve OUR Michigan. I sincerely thank you in advance for your consideration on this matter.

For the Love of the Community,

Sheldon A. Neeley, State Representative
34th District

CC: Dennis Muchmore
Dick Posthumus

From: Wurfel, Sara (GOV)
Sent: Friday, January 30, 2015 11:56 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Durfee, Sally (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Fwd: Rep Neeley's Release

Please see below.

Dave will bring this up during the 1:30 pm call on this issue today.

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

Begin forwarded message:

> **From:** Katie Carey <kcarey@house.mi.gov>
> **Date:** January 30, 2015 at 11:46:03 AM EST
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Subject: Rep Neeley's Release**
>
> Sara –
>
> Just wanted to give you a heads up that Rep Neeley sent a letter to the Gov and asked that I send out the following press release re the water situation in Flint.

FOR IMMEDIATE RELEASE
Friday, Jan. 30, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-8808

Neeley Sends Letter to Governor Concerning Flint Water Crisis

Legislator asks Gov. Snyder to consider plans to fix water system

LANSING – State Representative **Sheldon Neeley** (D-Flint) has sent a letter to Gov. Rick Snyder, as well as his chief of staff, Dennis Muchmore, and his senior advisor, Dick Posthumus, to inform them of the current crisis affecting the city of Flint's water supply. Residents have spoken out about the quality of the water,

calling it unsafe to drink. Photos taken by residents and Flint media have shown the water to be brownish in color, with sediment and other foreign bodies floating in it.

"In light of the rising and continuous concerns in the Flint community, it is imperative that the governor explores all options in his power to come to the aid of the community," Neeley said.

In the letter, Rep. Neeley asks for an executive decision by the governor to forgive Flint's water fund loan balance of nearly $20.8 million so that those funds may be used to help the city rebuild the infrastructure as well as provide a cost-effective water delivery system.

With this loan forgiveness, Rep. Neeley explains the city will be able to upgrade wastewater treatment processes, improve safe drinking water upgrades and maintain a water system that provides better water to the citizens of Flint.

"The people of Flint elected me to serve them first, and when I see my constituents on the verge of civil unrest, I must act swiftly and with passion," Neeley said. "I am hopeful this letter will bring the concerns of Flint to Gov. Snyder, and that will in turn open a dialogue about what can be done to help the community I love so much."

###

Katie Carey
Deputy Director of Democratic Central Staff
Press Secretary, House Democratic Leader Tim Greimel & the House Democratic Caucus
517.373.8924 (office)
PPI cell)
kcarey@house.mi.gov

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 01, 2015 5:08 PM
To: Posthumus, Dick (GOV)
Subject: RE: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

Met with Jim and Andy last night, Flint ministers this morning, Rep. Neely at 11:00, our entire group at 1:30, Dayne Walling at 4:00 and Saxton at 4:30 all on Flint...help...get me out of this mess....

-----Original Message-----
From: Posthumus, Dick (GOV)
Sent: Wednesday, September 30, 2015 1:56 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: RE: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

They want to bring a proposal for the appropriations process I believe. I think we just need to listen for now and so I didn't want to waste anyone else's time. The "old people's " time isn't as valuable!

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Wednesday, September 30, 2015 1:54 PM
To: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Cc: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: Re: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

So, what do they want? Who should we bring?

> On Sep 30, 2015, at 10:58 AM, Posthumus, Dick (GOV) <Posthumusd@michigan.gov> wrote:
>
> Attending:
> Sen Ananich (he may arrive late or leave early – they are working on
> his schedule) Andy Leavitt Dan Oberlan – Policy Dave Etenger – Policy
>
> CON: Shawn – 3-2820
>
> <meeting.ics>

From: Lange, Michelle (GOV)
Sent: Thursday, October 01, 2015 6:02 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Ackerman, Darin (GOV)
Subject: Phelps press release

Just FYI- Rep. Phelps put out this press release today. http://housedems.com/article/statement-state-rep-phil-phelps-d-flushing-his-foia-requests-pertaining-city-flint-water

Sally said that Treasury recevied his request on September 8th, sent him a letter to the address listed on the request on the 15th saying they would need until the 29th to respond and sent a letter of response on 29th to the address listed. I believe she said they were coordinating with DEQ. I don't have a copy of their response, but can get it for you tomorrow, if interested.

Please let me know if you need any other information. Sally has reached out to Rep. Phelps.

Thanks,

M.

From: Lange, Michelle (GOV)
Sent: Friday, October 02, 2015 9:58 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Ackerman, Darin (GOV)
Subject: RE: Phelps press release
Attachments: phelpsdnl092915.pdf; phelpsext091515.pdf

Here are the letters from Treasury in case you need them for anything.

Thanks,

M.

From: Lange, Michelle (GOV)
Sent: Thursday, October 1, 2015 6:02 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Ackerman, Darin (GOV) <ackermand3@michigan.gov>
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Thanks,

M.

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

September 29, 2015

Mr. Phil Phelps
819 Main Street
Unit A
Flushing, MI 48433

Dear Mr. Phelps:

This notice is issued in response to your request dated September 4, 2015, which you submitted under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.* Your request was received in the Department of Treasury (Department) by electronic mail on September 8, 2015. As set forth in the Department's September 15, 2015 notice, a statutory extension of time to respond was taken through September 29, 2015.

You have requested records which you describe as: 1) All documents the Michigan Department of Treasury, or its agents, has in its possession, including correspondence, related to any waivers, permits or applications to use the Flint River as a source for water and/or drinking water for the City of Flint or any other municipality or municipal entity; 2) All documents the Michigan Department of Treasury, or its agents, has in its possession, including correspondence, related to any communications between the Michigan Department of Environmental Quality, or its agents, and the Michigan Department of Treasury, or its agents, regarding any waivers, permits or applications to use the Flint River as a source for water and/or drinking water for the City of Flint or any other municipality or municipal entity; 3) All documents the Michigan Department of Treasury has in its possession, including correspondence, related to any communications between the Michigan Department of Treasury, or its agents, and the Office of the Governor of the State of Michigan, or its agents, regarding any waivers, permits or applications to use the Flint River as a source for water and/or drinking water for the City of Flint or any other municipality or municipal entity.

To the extent we understand your description, your request is denied. After a thorough search of Department records, to the best of the undersigned's knowledge, information and belief, no such records as you describe, or by any other name reasonably known to the Department, regarding any "waivers, permits or applications to use the Flint River as a source for water and/or drinking water for the City of Flint or any other municipality or municipal entity," exist in the Department of Treasury.

In an effort to be cooperative, you may wish to contact the Department of Environmental Quality as they may have records responsive to your request.

As to the denial of your FOIA request, the Department is obligated to inform you that under section 10 of the FOIA, MCL 15.240 you may do the following:

1. Appeal this decision in writing to the State Treasurer, Michigan Department of Treasury, P.O. Box 30716, Lansing, MI 48909. The writing must specifically state the word "appeal" and must identify the reason or reasons you believe the denial should be reversed. The Department must respond to your appeal within 10 days of its receipt. Under unusual circumstances, the time for response to an appeal may be extended by 10 business days.

2. File an action in the appropriate court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

Pursuant to section 4 of the FOIA, MCL 15.234, the Department's FOIA procedures, guidelines and written summary can be found on the Department's website at the following link: http://michigan.gov/treasury/0,4679,7-121-72699-357926--,00.html.

Sincerely,

Carla M. Robert

Carla M. Robert
FOIA Coordinator

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

September 15, 2015

Mr. Phil Phelps
819 Main Street
Unit A
Flushing, MI 48433

Dear Mr. Phelps:

This notice is issued in response to your request dated September 4, 2015, which you submitted under the Freedom of Information Act (FOIA), MCL 15.231 *et seq*. Your request was received in the Department of Treasury (Department) by electronic mail on September 8, 2015.

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In order to search for records in the possession of the Department that may fall within the scope of your request, under section 5(2)(d) of the FOIA, MCL 15.235(2)(d), the Department is extending by ten business days the period to respond. We will issue a written notice no later than September 29, 2015.

Sincerely,

Carla M. Robert
FOIA Coordinator

From: Wyant, Dan (DEQ)
Sent: Friday, October 02, 2015 12:08 PM
To: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS)
Cc: Hollins, Harvey (GOV); Mcbride, Bill (GOV); Thelen, Mary Beth (DEQ)
Subject: RE: Ananich, Neely, Kildee

Yes, all were briefed at 10:30 this morning.
Neeley and Phelps will be at the press conference - the others will not be there.

Thanks.

Mary Beth (on Dan Wyant's email)

Mary Beth Thelen
Management Assistant to Director Dan Wyant Department of Environmental Quality Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

-----Original Message-----
From: Posthumus, Dick (GOV)
Sent: Friday, October 02, 2015 11:04 AM
To: Muchmore, Dennis (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS)
Cc: Hollins, Harvey (GOV); Mcbride, Bill (GOV)
Subject: RE: Ananich, Neely, Kildee

I don't want to assume anything. But have the legislators been briefed and asked to be at the press conference in Flint?
Dick

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 10:32 AM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Ananich, Neely, Kildee

Were you able to connect and brief these guys?

From: Utley, Corey (GOV)
Sent: Wednesday, October 07, 2015 10:08 AM
To: Posthumus, Dick (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: Flint Press Conference

Hi All:

Anna and I are working on an invite list for the press conference in Flint tomorrow. The venue we've selected will hold approximately 20 guests (not including speakers).

Dick: Do we need to invite any legislators and, if so, who? If you provide names, I can work with Laurie to reach out. We want to make clear that if they are invited as guests, not speaking participants.

Dennis, Rich, Harvey: Aside from legislators, are there other folks that have to be invited? Again, keeping in mind the limited space capacity.

We'd like to get the list compiled by 2 PM, then reach out later today.

Thank you!
Corey

From: Clayton, Stacie (GOV)
Sent: Wednesday, October 07, 2015 10:47 AM
To: Utley, Corey (GOV); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: RE: Flint Press Conference

Hi Corey,

Harvey would like the following Flint pastors invited to the press conference on Thursday. I can provide contact information or contact them for you.

Pastor Oscar Overton
Pastor Alfred Harris
Pastor Latrelle Holmes

Stacie

From: Utley, Corey (GOV)
Sent: Wednesday, October 07, 2015 10:08 AM
To: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Flint Press Conference

Hi All:

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We'd like to get the list compiled by 2 PM, then reach out later today.

Thank you!
Corey

From: Muchmore, Dennis (GOV)
Sent: Wednesday, October 07, 2015 11:48 AM
To: Utley, Corey (GOV); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: RE: Flint Press Conference

I think the Drain Commissioner, Ananich, Neely, Phelps, and the two ministers who were leading the effort, Pastors Overton and Harris?

From: Utley, Corey (GOV)
Sent: Wednesday, October 7, 2015 10:08 AM
To: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
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Dennis, Rich, Harvey: Aside from legislators, are there other folks that have to be invited? Again, keeping in mind the limited space capacity.

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Thank you!
Corey

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 1:39 PM
To: Muchmore, Dennis (GOV)
Cc: Utley, Corey (GOV); Posthumus, Dick (GOV); Baird, Richard (GOV); Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: Re: Flint Press Conference

I would add Latrell Holmes, Amy Hovey and Jamie Gaskin.

Best,
Harvey

On Oct 7, 2015, at 11:48 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

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>
> ---
>
> **From:** Utley, Corey (GOV)
> **Sent:** Wednesday, October 7, 2015 10:08 AM
> **To:** Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
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>
> We'd like to get the list compiled by 2 PM, then reach out later today.
>
> Thank you!
> Corey

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:12 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Tommasulo, Karen (DEQ); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Baird, Richard (GOV); Calley, PPI Forstner, Nathaniel (GOV)
Subject: URGENT review please -- Draft Flint water release
Attachments: 151008 Flint water release DM.docx

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the $12 million needed to reconnect with the authority, with the Flint city government providing $2 million and the Charles Stewart Mott Foundation donating $4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI obile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

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Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Wyant, Dan (DEQ)
Sent: Tuesday, October 13, 2015 10:22 AM
To: Lyon, Nick (DHHS)
Cc: Muchmore, Dennis (GOV); Khouri, Nick (TREASURY); Posthumus, Dick (GOV)
Subject: Re: What's the latest on Flint?

I am meeting with House Caucus at 1:45 with Pasholka.

Sent from my iPhone

On Oct 13, 2015, at 9:41 AM, Lyon, Nick (DHHS) <LyonN2@michigan.gov> wrote:

> Dan has put together an action plan from the DEQ perspective. We have provided contact names for the items on his list that need to be joint DEQ/DHHS. We are potentially adding items to that list but need to work through our plan as we will have to work with local providers, the hospital, health plans, etc. We are doing that today. We are looking at testing, home lead investigations, but NOT remediation. That would still be the responsibility of the homeowner. I would expect that will be the next demand.
>
> I've heard some grumbling around the supplemental. Some members feel it should be a loan, others worry that we are setting a precedent that the state will be asked to pay for similar upgrades in the future. We'll know more quickly on how they are going to react.
>
> Jarrod has scheduled a phone call for tomorrow.
>
> That's what I know.
>
> ---
>
> **From:** Muchmore, Dennis (GOV)
> **Sent:** Tuesday, October 13, 2015 8:40 AM
> **To:** Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>
> **Subject:** What's the latest on Flint?

From: Wurfel, Sara (GOV)
Sent: Monday, November 16, 2015 9:39 AM
To: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Redford, James (GOV); Weber, Travis (GOV); Hollins, Harvey (GOV); Walsh, John (GOV); Posthumus, Dick (GOV); Mcbride, Bill (GOV)
Cc: Murray, David (GOV)
Subject: Fwd: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water

Per quick convo at senior staff meeting this am ....

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

Begin forwarded message:

From: Arthur Delaney <arthur@huffingtonpost.com>
Date: November 16, 2015 at 9:14:54 AM EST
To: "Wurfel, Sara (GOV)" <wurfels@michigan.gov>
Subject: Fwd: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water

Hi, I am filing a short story on this lawsuit -- please let me know if the governor's office would care to comment.

---------- Forwarded message ----------
From: **Margie Kelly** <mkelly@nrdc.org>
Date: Mon, Nov 16, 2015 at 9:00 AM
Subject: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water
To: jason.cherkis@huffingtonpost.com

FOR IMMEDIATE RELEASE

Contacts: Margie Kelly, NRDC, mkelly@nrdc.org, 312-651-7935; Darrell Dawsey, ACLU of Michigan, ddawsey@aclumich.org, 313-578-6831

Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water

Natural Resources Defense Council, ACLU of Michigan Start Legal Process to Stop Ongoing Violations of the Safe Drinking Water Act

CHICAGO (November 16, 2015) – Residents of Flint, Mich., together with the ACLU of Michigan and the Natural Resources Defense Council, today announced their intention to sue state and city officials for ongoing violations of the federal Safe Drinking Water Act amid the city's widespread lead-contamination crisis. A lawsuit would force officials to address repeated, systemic failures to follow federal rules designed to protect the public health from dangerous levels of lead exposure.

“The community of Flint is strong and united in our commitment to repair the harm lead exposure has inflicted on our children and families. We are taking a stand so that our community can heal the damage that has been done and work together so that justice can prevail,” said Pastor Allen Overton, a leader of the Concerned Pastors for Social Action.

“This action is about holding the government accountable for failing to protect the public health of an entire community,” said Anjali Waikar, an environmental justice staff attorney at the Natural Resources Defense Council. “This case also highlights a troubling trend in which the government is willing to cut costs at the expense of its most vulnerable citizens,” Waikar said.

“In their short-sighted effort to save a buck, the leaders who were supposed to be protecting Flint’s citizens instead left them exposed to dangerously high levels of lead contamination,” said Michael Steinberg, legal director for the ACLU of Michigan. “Not only were the city and state’s actions dangerous and misguided. They were illegal, too.”

Dangerous amounts of lead leached out of the city’s pipes and into the drinking water of Flint’s homes and schools for more than a year following a decision by Flint officials to eschew Detroit's water supply in favor of using the Flint River as the City’s primary drinking water source. Not long after the switch, residents began to complain about the smell and discoloration of the water and, later, physical ailments stemming from the tainted water.

Officials working on behalf of Flint insisted for several months that the water was safe. However, water tests conducted by experts from Virginia Tech proved those assurances to be wrong, and a study by a local pediatrician that showed that the proportion of Flint kids with elevated blood lead levels had doubled since the City switched water sources. After officials could no longer deny that the community’s drinking water was contaminated, Michigan Gov. Rick Snyder finally conceded that Flint should stop using the river water and return to the Detroit water system.

Despite this move, though, city and state officials have continued to violate federal legal requirements for monitoring and sampling tap water for lead, notifying the public about water-testing results and maintaining corrosion control from Flint’s lead pipes.

"So much irreparable harm has been done as a direct result of the failures and lack of oversight perpetrated by the City of Flint and Michigan officials who are the very people we relied on to keep us safe. This lawsuit gives me hope that this will stop and no other city will have to endure the physical, property, and emotional damage that Flint residents have," said Melissa Mays of Water You Fighting For, a Flint-based organization.

There is no safe level of lead exposure. The toxic effects of lead on virtually every system in the body, and particularly on the developing brains of young children, are well documented. It can also contribute to high blood pressure and other health problems in adults. Even low levels of lead in the blood have been shown to affect IQ, ability to pay attention, and academic achievement, effects that are irreversible.

The Notice of Intent to Sue was served on behalf of Concerned Pastors for Social Action, an association of religious leaders from Flint; Melissa Mays, a Flint resident; the ACLU of Michigan; and the Natural Resources Defense Council. The groups assert that since April 2014, the City of Flint and Michigan state officials have failed to monitor and control for lead in Flint’s drinking water and maintain a program to assist Michigan schools with lead testing and remediation, in violation of the federal Safe Drinking Water Act. If City of Flint and Michigan state officials – including Governor Rick Snyder and Dan Wyant, Director of Michigan Department of Environmental Quality - do not remedy violations under the Safe Drinking Water Act within sixty days, the groups intend to file a lawsuit in federal court.

Flint and state officials have known since 2011 that choosing the Flint River as a drinking water source could result in lead contamination issues, due to its highly corrosive properties. Yet state and city officials insisted that the water was safe to drink - even after testing found dangerously high lead levels in some residents’ tap water. Citizen concerns about high lead levels were dismissed by state and city officials as “near hysteri[cal]” and “irresponsible,” despite well-established evidence that there is no safe level of lead exposure, and that even low levels of lead in the blood have been shown to affect IQ, ability to pay attention, and academic achievement, effects that are irreversible.

The Notice of Intent to Sue is required under the Safe Drinking Water Act as a prerequisite to filing suit.

###

For nearly 100 years, the ACLU has been our nation's guardian of liberty, working in courts, legislatures, and communities to defend and preserve the individual rights and liberties that the Constitution and the laws of the United States guarantee everyone in this country. The ACLU of Michigan was officially established in 1959 as part of that mission.

The Natural Resources Defense Council (NRDC) is an international nonprofit environmental organization with more than 2 million members and online activists. Since 1970, our lawyers, scientists, and other environmental specialists have worked to protect the world's natural resources, public health, and the environment. NRDC has offices in New York City, Washington, D.C., Los Angeles, San Francisco, Chicago, Bozeman, MT, and Beijing. Visit us atwww.nrdc.org and follow us on Twitter @NRDC.

If you would rather not receive future communications from Natural Resources Defense Council, let us know by clicking here.
Natural Resources Defense Council, 40 West 20th Street 11th Floor, New York, NY 10011 United States

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Reporter | Huffington Post
(202) 624-9396 desk | PPI
Twitter @ArthurDelaneyHP

From: Weber, Travis (GOV)
Sent: Monday, November 16, 2015 10:00 AM
To: Wurfel, Sara (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Walsh, John (GOV); Posthumus, Dick (GOV); Mcbride, Bill (GOV)
Cc: Murray, David (GOV)
Subject: RE: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water
Attachments: 2015-11-16-SDWA-Notice of Intent to Sue-Flint-FINAL.PDF

And if you wanted a little light reading—from the NRDC—their notice of intent to sue

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From: Wurfel, Sara (GOV)
Sent: Monday, November 16, 2015 9:39 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water

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>
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>
> ---------- Forwarded message ----------
> From: **Margie Kelly** <mkelly@nrdc.org>
> Date: Mon, Nov 16, 2015 at 9:00 AM
> Subject: Residents of Flint, Michigan, to Sue City, State over Lead in Drinking Water
> To: jason.cherkis@huffingtonpost.com
>
> FOR IMMEDIATE RELEASE
>
> Contacts: Margie Kelly, NRDC, mkelly@nrdc.org, 312-651-7935; Darrell Dawsey, ACLU of Michigan, ddawsey@aclumich.org, 313-578-6831

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"In their short-sighted effort to save a buck, the leaders who were supposed to be protecting Flint's citizens instead left them exposed to dangerously high levels of lead contamination," said Michael Steinberg, legal director for the ACLU of Michigan. "Not only were the city and state's actions dangerous and misguided. They were illegal, too."

Dangerous amounts of lead leached out of the city's pipes and into the drinking water of Flint's homes and schools for more than a year following a decision by Flint officials to eschew Detroit's water supply in favor of using the Flint River as the City's primary drinking water source. Not long after the switch, residents began to complain about the smell and discoloration of the water and, later, physical ailments stemming from the tainted water.

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Flint and state officials have known since 2011 that choosing the Flint River as a drinking water source could result in lead contamination issues, due to its highly corrosive properties. Yet state and city officials insisted that the water was safe to drink - even after testing found dangerously high lead levels in some residents' tap water. Citizen concerns about high lead levels were dismissed by state and city officials as "near hysteri[cal]" and "irresponsible," despite well-established evidence that there is no safe level of lead exposure, and that even low levels of lead in the blood have been shown to affect IQ, ability to pay attention, and academic achievement, effects that are irreversible.

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If you would rather not receive future communications from Natural Resources Defense Council, let us know by clicking here.
Natural Resources Defense Council, 40 West 20th Street 11th Floor, New York, NY 10011 United States

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Reporter | Huffington Post
(202) 624-9396 desk | PPI
Twitter @ArthurDelaneyHP

November 16, 2015

By Certified Mail, Return Receipt Requested

City of Flint
Attn: Mayor Karen Williams Weaver
1101 South Saginaw Street
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mayor@cityofflint.com

Governor Rick Snyder
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contactmichigan@state.mi.us

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Re: Notice of Intent to Sue Under the Safe Drinking Water Act, 42 U.S.C. § 300j-8(b)(1)(a), for Failure to Control Lead in Drinking Water in Flint, Michigan, and Failure to Assist Michigan Schools with Lead Testing and Remediation

We write on behalf of Concerned Pastors for Social Action, Melissa Mays, the American Civil Liberties Union of Michigan (ACLU of Michigan), and the Natural

Resources Defense Council (NRDC), nonprofit citizens' organizations and individuals working to secure safe drinking water for the residents of Flint, Michigan. Since April 2014, the City of Flint and Michigan state officials have failed to monitor and control for lead in Flint's drinking water, and to maintain a program to assist Michigan schools with lead testing and remediation, in violation of the Safe Drinking Water Act, 42 U.S.C. § 300f et seq. This letter provides notice pursuant to 42 U.S.C. § 300j-8(b)(1)(a) that we intend to sue the City of Flint; Rick Snyder, Governor of Michigan; Dan Wyant, Director of Michigan Department of Environmental Quality; Nick A. Khouri, Treasurer of Michigan; Frederick Headen, Chairperson of the Flint Receivership Transition Advisory Board (Board); Brian Larkin, David McGhee, Robert McMahan, and Beverly Walker-Griffea, Members, RTAB; and Natasha Henderson, Flint City Administrator, if these violations are not remedied within sixty days.[1]

Concerned Pastors for Social Action is an association of religious leaders from more than thirty churches and ministries in the Flint area that has advocated for the rights of the underserved for nearly fifty years. Melissa Mays is a Flint resident whose family has suffered from serious health problems as a result of the City's failure to provide safe drinking water. The ACLU of Michigan works in courts, legislatures, and communities to preserve the protections that our laws guarantee to all citizens. NRDC is a national membership organization committed to protecting public health and the environment and to reducing the exposure of all communities to toxic chemicals. These groups and individuals continue to be harmed by the violations of the Safe Drinking Water Act by the City and Michigan state officials, detailed below.

I. City and State officials have exposed and continue to expose Flint residents to dangerous amounts of lead in drinking water

A. The City, Emergency Manager, and State Treasurer chose the Flint River as a primary drinking-water source

In the fall of 2011, Michigan Governor Rick Snyder declared a financial emergency in the City of Flint and appointed an emergency manager to take control of the City's operations and finances.[2] Flint Mayor Dayne Walling and the City Council were stripped of all authority except as specifically allowed by the Emergency Manager, and the City was placed in state receivership.[3] Under Michigan's Local Financial Stability and Choice Act, an

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[1] These individuals are noticed in their official capacities.

[2] *See* Mich. Comp. Laws § 141.1549; Letter from Gov. Rick Snyder to Mayor Dayne Walling and Flint City Council (Nov. 8, 2011), http://www.michigan.gov/documents/treasury/Flint-GovernorsDetermination-11-8-11_417435_7.pdf (attached as Ex. 1); Dawson Bell, *Governor names Flint native as city's emergency financial manager*, Detroit Free Press, Nov. 30, 2011, http://www.freep.com/article/20111130/NEWS06/111300370/Governor-names-Flint-native-city-s-emergency-financial-manager (attached as Ex. 2).

[3] Mich. Comp. Laws § 141.1549(2).

Emergency Manager has "broad powers" to "rectify the financial emergency and to assure fiscal accountability of the local government."[4]

While under control of the Emergency Manager, the City faced decisions about the future of its drinking-water supply. For fifty years, the City had purchased drinking water from the Detroit Water and Sewerage Department (Detroit), which sources water from Lake Huron.[5] In response to rising water rates charged by Detroit, in March 2013, the City Council voted to join the Karegnondi Water Authority (KWA), a newly formed municipal water supply system. The KWA was planning to build a pipeline to distribute water directly from Lake Huron to mid-Michigan communities, including Genesee County, where Flint is located.[6] The City Council's vote did not become effective until several weeks later, after both the Emergency Manager and State Treasurer approved the decision.[7]

The City's contract with Detroit was set to expire in April 2014, at least eighteen months before the KWA pipeline was scheduled to be completed.[8] Faced with a year-and-a-half gap in the City's water supply, the Emergency Manager declined to negotiate a short-term contract with Detroit and decided instead to use the Flint River as a primary drinking-water source.[9] The City had previously explored—and rejected—the Flint River as a primary drinking-water source. This is because the Flint Water Treatment Plant would have required fifty million dollars in upgrades to treat the river water and "produce finished water in conformance with the current federal and state drinking water regulations."[10]

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[4] *Id.*

[5] *See* Dominic Adams, *Closing the valve on history: Flint cuts water flow from Detroit after nearly 50 years*, Michigan Live, Apr. 25, 2014, http://www.mlive.com/news/flint/index.ssf/2014/04/closing_the_valve_on_history_f.html (attached as Ex. 3).

[6] Steve Carmody, *Flint opting to get its future tap water from Lake Huron*, Michigan Radio, Mar. 25, 2013, http://michiganradio.org/post/flint-opting-get-its-future-tap-water-lake-huron#stream/ (attached as Ex. 4); Karegnondi Water Authority, About, http://www.karegnondi.com/#!about/c20r9 (last visited Nov. 13, 2015) (attached as Ex. 5).

[7] *See* Mich. Comp. Laws § 141.1552(1)(g), (3); Emergency Manager, Resolution to Purchase Capacity from Karegnondi Water Authority (adopted Mar. 29, 2013) (attached as Ex. 6); Letter from Andy Dillon, State Treasurer, to Edward Kurtz, Emergency Manager (Apr. 11, 2013) (authorizing Emergency Manager to enter into contract with KWA) (attached as Ex. 7).

[8] Sarah Schuch, *KWA pipeline work continues as Flint water lead concerns rise*, Michigan Live, Sept. 25, 2015, http://www.mlive.com/news/flint/index.ssf/2015/09/kwa_pipeline_projected_to_be_c.html (attached as Ex. 8); *see* Ron Fonger, *Detroit gives notice: It's terminating water contract covering Flint, Genesee County in one year*, Michigan Live, Apr. 19, 2013, http://www.mlive.com/news/flint/index.ssf/2013/04/detroit_gives_notice_its_termi.html (attached as Ex. 9).

[9] Letter from Darnell Earley, Emergency Manager, to Sue McCormick, Detroit Water & Sewer Dep't (Mar. 7, 2014) (explaining that the City "has actively pursued using the Flint River as a temporary water source" instead of accepting Detroit's offer to provide water to the City) (attached as Ex. 10).

[10] Cost of Service Study (2011), Appendix 8 to Analysis of the Flint River as a Permanent Water Supply for the City of Flint, http://www.scribd.com/doc/64382181/Analysis-of-the-Flint-River-as-a-Permanent-Water-Supply-for-the-City-of-Flint-July-2011-Appendices-1-to-8 (attached as Ex. 11);

Under the Safe Drinking Water Act's Lead and Copper Rule, Flint's water system could not use the Flint River as a water source without first obtaining approval from the Michigan Department of Environmental Quality (MDEQ). The Lead and Copper Rule required MDEQ to approve both the City's proposed addition of a new water source (the Flint River) and the long-term change in water treatment (from treatment through Detroit's water plant to treatment at the Flint Water Treatment Plant).[11] In April 2014, MDEQ approved the switch to river water.[12] The City immediately began pumping Flint River water through the City's distribution pipes and into residents' taps.

B. Dangerous lead contamination results from the City's switch to river water

In the twenty months following the switch in water sources, residents' drinking water has been at times cloudy, discolored, and foul-smelling.[13] Residents reported that they have experienced hair loss, skin rashes, and vomiting after drinking the water.[14] In the summer of 2014, the City was forced to issue several boil-water notices after tap water tested positive for total coliform bacteria.[15] The City's subsequent treatment of the water to kill disease-carrying pathogens resulted in elevated levels of total trihalomethanes, a disinfection byproduct that can cause serious health problems, including an increased risk of cancer.[16]

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see also Kristin Longley, *Water pipeline v. Flint River: City of Flint studying its drinking water options*, Michigan Live, Jan. 22, 2011, http://www.mlive.com/news/flint/index.ssf/2011/01/water_pipeline_vs_flint_river.html (attached as Ex. 12); Dominic Adams, *Flint River now an option for drinking water following Detroit's termination of contract*, Michigan Live, July 23, 2013, http://www.mlive.com/news/flint/index.ssf/2013/07/city_readying_water_plant_to_t.html (quoting city officials' explanation for rejecting use of Flint River: "upgrades to Flint's water plant would be too expensive, the river didn't provide enough capacity to serve Flint residents' water needs and the Michigan Department of Environmental Quality would not allow it") (attached as Ex. 13).

[11] 40 C.F.R. § 141.90(a)(3); *see also id.* § 141.81(a)-(b).

[12] *See* Adams, *Closing the valve on history*, *supra* note 5 (Ex. 3).

[13] *See* Curt Guyette, *In Flint, Michigan, Overpriced Water is Causing People's Skin to Erupt in Rashes and Hair to Fall Out*, The Nation, July 16, 2015, http://www.thenation.com/article/in-flint-michigan-overpriced-water-is-causing-peoples-skin-to-erupt-and-hair-to-fall-out/ (attached as Ex. 14); Wenonah Hauter, *Flint's Brown Water Blues*, Huffington Post, July 10, 2015, http://www.huffingtonpost.com/wenonah-hauter/flints-brown-water-blues_b_7765132.html (attached as Ex. 15).

[14] Laura Gottesdiener, *Flint, Mich., residents find state water control hard to swallow*, Al Jazeera America, Apr. 3, 2015, http://america.aljazeera.com/articles/2015/4/3/flint-residents-find-state-water-control-hard-to-swallow.html (attached as Ex. 16).

[15] Ron Fonger, *Flint issues boil water advisory for section of the city after positive test result for total coliform bacteria*, Michigan Live, Sept. 5, 2014, http://www.mlive.com/news/flint/index.ssf/2014/09/flint_issues_boil_water_adviso.html (attached as Ex. 17).

[16] Robin Erb, *Who wants to drink Flint's water?*, Detroit Free Press, Jan. 23, 2015, http://www.freep.com/story/news/local/michigan/2015/01/22/water-woes-latest-hit-flint/22193291/ (attached as Ex. 18); Mich. Dep't of Envtl. Quality, Violation Notice—Maximum Contaminant Level for Total Trihalomethanes (Dec. 16, 2014) (attached as Ex. 19); U.S. EPA, Basic Information about Disinfection Byproducts in Drinking Water, http://water.epa.gov/drink/contaminants/basicinform

Because Flint River water is also highly corrosive, dangerous amounts of lead began to leach out of pipes and into the City's drinking water.[17] Lead in drinking water occurs primarily from corrosion of pipes and other plumbing materials that contain lead or lead solder.[18] The Lead and Copper Rule requires water systems to manage lead levels by controlling corrosion, which is often accomplished by adding corrosion-inhibiting chemicals.[19] Water systems must implement and maintain an "optimal" corrosion-control treatment program that "minimizes the lead . . . concentrations at users' taps."[20]

Flint did not consider how to control the corrosivity of the river water before switching water sources, nor did MDEQ require the City to implement any corrosion-control measures. Rather, beginning in April 2014, the City did not use any form of treatment to control corrosion.[21] The City waited until after its residents were drinking the river water to assess whether it posed a risk of increased lead exposure. MDEQ endorsed this approach. In June 2014, Flint's water system initiated the first of two six-month monitoring periods to test tap water for lead under the Lead and Copper Rule; the second six-month period ran from January to June 2015.[22] During these monitoring periods, the water system used flawed testing methods that appear to have been designed to underreport the lead content of residents' drinking water.[23]

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ation/disinfectionbyproducts.cfm (last updated Dec. 13, 2013) (attached as Ex. 20); *see also* 40 C.F.R. § 141.64(b).

[17] Marc Edwards, *Test Update: Flint River water 19X more corrosive than Detroit water for Lead Solder; Now What?*, Flint Water Study (Sept. 11, 2015), http://flintwaterstudy.org/2015/09/test-update-flint-river-water-19x-more-corrosive-than-detroit-water-for-lead-solder-now-what/ (attached as Ex. 21); Marc Edwards, *Flint River water is very corrosive to lead, and causing lead contamination in homes*, Flint Water Study (Sept. 2, 2015), http://flintwaterstudy.org/2015/09/flint-rivers-water-is-very-corrosive-to-lead-and-causing-lead-contamination-in-homes/ (attached as Ex. 22). The river water is so corrosive that in October 2014, a local GM engine plant decided to switch back to Lake Huron water to avoid damage to equipment at the plant from corrosion. Brianna Owczarzak, *GM says no to Flint water*, WNEM, Oct. 14, 2014, http://www.wnem.com/story/26785625/gm-says-no-to-flint-water (attached as Ex. 23).

[18] *See* Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper, 56 Fed. Reg. 26,460, 26,464 (June 7, 1991).

[19] *See* 40 C.F.R. § 141.82.

[20] *Id.* §§ 141.2; 141.80(d).

[21] *See* Email from Pat Cook, MDEQ, to Miguel Del Toral, U.S. EPA (Apr. 24, 2015) (attached as Ex. 24).

[22] *See* 40 C.F.R. § 141.86; Email from Pat Cook, *supra* note 21 (Ex. 24).

[23] *See infra* pp. 11-13.

Flint's monitoring data showed that some residents' water contained lead at concentrations above the federal "action level" of 15 parts per billion (ppb).[24] These high lead levels put residents at risk of a broad array of serious, irreversible health effects, including cognitive impairment, kidney damage, and increased blood pressure.[25] When the Environmental Protection Agency (EPA) learned of these high lead sampling results in February 2015, it notified MDEQ officials that the sampling results raised significant concerns about corrosion from lead pipes in Flint's distribution system.[26] Nonetheless, throughout the monitoring periods, the City and MDEQ maintained that these high lead levels were isolated and that the data, taken together, demonstrated Flint's compliance with the Lead and Copper Rule.[27]

C. Community advocacy and independent testing prompt long past due response from City and State officials

As the City concluded its second six-month round of sampling in July 2015, and notified some Flint residents of elevated lead levels in their tap water, the community became increasingly concerned. A small coalition of local groups, including Water You Fighting For and Concerned Pastors for Social Action, began working with researchers at Virginia Tech to conduct their own lead sampling of Flint's water. The Virginia Tech scientists found that ten percent of the more than 250 samples collected from Flint residences had lead levels of 25 ppb or more, well above the federal action level for lead.[28] Several samples exceeded 100 ppb, and one sample exceeded 1000 ppb.[29] Though aware of

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[24] *See* Mich. Dep't of Envtl. Quality, Lead and Copper Report and Consumer Notice of Lead Result Certificate for Community Water Supply (Aug. 20, 2015) (showing six samples with lead levels over the action level) (attached as Ex. 25); 40 C.F.R. § 141.80(c)(1).

[25] *See, e.g.*, U.S. EPA, Integrated Science Assessment for Lead tbl.ES-1 (June 2013) (attached as Ex. 26); U.S. EPA, Basic Information About Lead in Drinking Water, http://water.epa.gov/drink/contaminants/basicinformation/lead.cfm (last updated June 26, 2015) (explaining that "[i]nfants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development," and that "[a]dults who drink this water over many years could develop kidney problems or high blood pressure") (attached as Ex. 27); *see also* National Ambient Air Quality Standards for Lead, 80 Fed. Reg. 278, 290 (Jan. 5, 2015).

[26] *See, e.g.*, Email from Jennifer Crooks, U.S. EPA, to Stephen Busch, MDEQ, and Mike Prysby, MDEQ (Feb. 26, 2015) (attached as Ex. 28).

[27] *See* Nancy Kaffer, *MDEQ e-mails show stunning indifference to Flint peril*, Detroit Free Press, Oct. 22, 2015, http://www.freep.com/story/opinion/columnists/nancy-kaffer/2015/10/21/indifference-characterized-state-approach-flint-water/74289430/ (attached as Ex. 29).

[28] *Flint Town Hall Meeting Presentation and Distribution of lead results across Flint by ward and zip codes*, Flint Water Study, Sept. 16, 2015, http://flintwaterstudy.org/2015/09/distribution-of-lead-results-across-flint-by-ward-and-zip-codes/ (attached as Ex. 30); Ron Fonger, *Virginia Tech professor says Flint's tests for lead in water can't be trusted*, Michigan Live, Sept. 15, 2015, http://www.mlive.com/news/flint/index.ssf/2015/09/virginia_tech_researcher_says.html (attached as Ex. 31).

[29] Marc Edwards et al., *Lead testing results for water sampled by residents,* Flint Water Study, Sept. 28, 2015, http://flintwaterstudy.org/information-for-flint-residents/results-for-citizen-testing-for-lead-300-kits/ (attached as Ex. 32).

the Virginia Tech sampling results, MDEQ officials continued to insist that Flint's water was safe to drink.[30]

In September 2015, a medical study conducted by a local pediatrician confirmed the kinds of adverse health impacts that residents had voiced concern about for months: the rate of Flint children with elevated blood lead levels had nearly doubled since the City changed its drinking-water source.[31] State officials and the Governor reacted by "downplay[ing] and in some cases attempt[ing] to discredit" the pediatrician's findings, and dismissing citizen concerns as "near-hysteri[cal]."[32]

Subsequent testing by MDEQ revealed that at least four schools in Flint had lead levels in their drinking water above the federal action level.[33] At Freeman Elementary School, water tested had lead levels over 100 ppb, more than six times the federal action level.[34] This increase in lead exposure is particularly dangerous in Flint, a community where residents are already at higher risk of elevated blood lead levels and lead poisoning. Michigan ranks fifth worst in the country for harmful exposures to lead.[35] Low income is a risk factor for lead poisoning, and more than a third of families in Flint live below the poverty level, three times the national average.[36] Children in Flint also face high risk of lead

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[30] Ron Fonger, *Feds sending in experts to help Flint keep lead out of water*, Michigan Live, Sept. 10, 2015, http://www.mlive.com/news/flint/index.ssf/2015/09/university_researchers_dont_dr.html (attached as Ex. 33).

[31] *Pediatric Lead Exposure in Flint, MI: Concerns from the Medical Community* (PowerPoint Presentation) (presented on Sept. 24, 2015), *available at* http://flintwaterstudy.org/2015/09/pediatric-lead-exposure-presentation-from-hurley-medical-center-doctors-concerning-flint-mi/ (attached as Ex. 34).

[32] *Study suggests Flint's water causing increased lead poisoning*, Michigan Radio, Sept. 28, 2015, http://michiganradio.org/post/study-suggests-flints-water-causing-increased-lead-poisoning#stream/0 (attached as Ex. 35); Ron Fonger, *State says data shows no link to Flint River, elevated lead in blood,* Michigan Live, Sept. 24, 2015, http://www.mlive.com/news/flint/index.ssf/2015/09/state_says_its_data_shows_no_c.html (attached as Ex. 36); *Did this Michigan Town Poison its Children?*, U.S. News & World Report, Sept. 24, 2015, http://www.usnews.com/news/articles/2015/09/25/flint-michigan-children-show-high-levels-of-lead-in-blood (attached as Ex. 37).

[33] Steve Carmody, *Four Flint schools have high lead levels in their water*, Michigan Radio, Oct. 8, 2015, http://michiganradio.org/post/four-flint-schools-have-high-lead-levels-their-water (attached as Ex. 38).

[34] *Id.*

[35] Ctrs. for Disease Control & Prevention, *Public Health in Action: Lead Poisoning Prevention in Michigan* (last updated Feb. 4, 2013), http://www.cdc.gov/nceh/information/healthy_homes_lead.htm (attached as Ex. 39).

[36] 2009-2013 American Community Survey 5-Year Estimates, 2013, *available at* http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml (enter "Flint, MI" in the box under "Community Facts," click on "Income" on left-side bar, then click "Selected Economic Characteristics" under "2013 American Community Survey") (table attached as Ex. 40 compares data from Flint, Michigan, to Michigan and the United States).

exposure from lead-paint dust, as nearly ninety percent of Flint's housing stock was built before 1978 (when the federal ban on high-lead paint went into effect).[37]

Finally, in late September 2015, the City abandoned its assertions that Flint's drinking water was safe. Nearly seven months after the City first saw dangerously high levels of lead in some residents' water, Flint issued a drinking-water advisory and called for state financial assistance to switch the water system back to Detroit's supply.[38] Two weeks later, Governor Snyder requested six million dollars from the state legislature to reconnect the Flint water system to Detroit.[39] With additional funding from the City and a private foundation, the switch was completed in mid-October.[40]

Following the switch back to Detroit water, some government officials began to ask questions about what went wrong in the course of Flint's change in water sources.[41] Governor Snyder created a task force to review water management and testing in Flint,[42] and EPA established its own task force "to provide the Agency's technical expertise through regular conversations" with the City and MDEQ.[43] Governor Snyder has also announced

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[37] *2012 Annual Data Report on Blood Lead Levels of Children in Michigan* 26 (Apr. 30, 2013), https://www.michigan.gov/documents/mdch/2012AnnualDataReportOnBloodLeadLevels_419508_7.pdf (attached as Ex. 41); Am. Cancer Soc'y, *Lead, Lead in the Environment,* http://www.cancer.org/cancer/cancercauses/othercarcinogens/athome/lead (last updated May 27, 2014) (explaining that lead paint is a "major" source of exposure) (attached as Ex. 42); Maj. Thomas F. Zimmerman, *The Regulation of Lead-Based Paint in Air Force Housing,* 44 A.F. L. Rev. 169, 174-75 (1998).

[38] *City of Flint Issues Lead Advisory*, City of Flint, Sept. 25, 2015, https://www.cityofflint.com/2015/09/25/city-of-flint-issues-lead-advisory/ (attached as Ex. 43); Steve Carmody, *Flint officials exploring return to Detroit water*, Michigan Radio, Sept. 28, 2015, http://michiganradio.org/post/flint-officials-exploring-return-detroit-water#stream/0 (attached as Ex. 44).

[39] John Wisely, *Snyder announces $12 million plan to fix Flint water*, Detroit Free Press, Oct. 8, 2015, http://www.freep.com/story/news/local/michigan/2015/10/08/snyder-flint-water-reconnect/73567778/ (attached as Ex. 45).

[40] Amanda Emery, *Flint reconnects to Detroit water, may take 3 weeks to clear all pipes*, Michigan Live, Oct. 16, 2015, http://www.mlive.com/news/flint/index.ssf/2015/10/flint_reconnecting_to_detroit.html (attached as Ex. 46).

[41] *E.g.*, Letter from Sen. Jim Ananich, Mich. Senate Minority Leader, to Susan Hedman, U.S. EPA, and Gina McCarthy, U.S. EPA (Oct. 21, 2015) (attached as Ex. 47); Letter from Rep. Daniel Kildee, U.S. Congressman, to Gina McCarthy, U.S. EPA (Oct. 21, 2015) (attached as Ex. 48).

[42] Press Release, Gov. Rick Snyder, *Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations* (Oct. 21, 2015), http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html (attached as Ex. 49).

[43] Press Release, U.S. EPA, *EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint* (Oct. 16, 2015), http://yosemite.epa.gov/opa/admpress.nsf/0/A92DE629DB86E66685257EE000579593 (attached as Ex. 50).

plans to launch an "education campaign soon to help schools statewide learn how to get their water tested" for lead.[44]

Despite this proliferation of task forces and campaigns, neither the City nor MDEQ has announced changes in the City's lead monitoring practices in the wake of Flint's public-health crisis. Rather, Flint and MDEQ have maintained that these practices are accurate and adequate, despite the near certainty that they are underrepresenting lead contamination in many of Flint's high-risk homes.

II. City and State officials are in violation of the Safe Drinking Water Act's Lead and Copper Rule

The Safe Drinking Water Act (the Act) authorizes citizens to sue any governmental entity "who is alleged to be in violation of any requirement" under the statute.[45] These requirements include the national primary drinking-water regulations for lead and copper set forth in the Lead and Copper Rule.[46] The Lead and Copper Rule obligates water systems to monitor and control for lead in drinking water.[47]

Since April 2014, Flint's water system has failed to comply with the Lead and Copper Rule's requirements for monitoring water for lead, notifying the public of tap-water monitoring results, reporting monitoring results to MDEQ, and controlling corrosion from lead pipes.[48] These violations systematically result in the City's underestimating lead levels in its drinking water, masking a public-health crisis. The violations are ongoing and likely to recur in the future: Flint's water system presently is obligated to monitor for lead every six months, and there is no indication that Flint has changed or disavowed its inadequate approach to monitoring.[49]

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[44] *See* Lori Higgins, *Michigan to launch lead education effort statewide*, Detroit Free Press, Oct. 13, 2015, http://www.freep.com/story/news/local/michigan/2015/10/13/lead-water-flint-michigan-testing/73871480/ (attached as Ex. 51).

[45] 42 U.S.C. § 300j-8(a)(1).

[46] *See id.* § 300g-1(b)(1)(A); 40 C.F.R. § 141.80(a)(1).

[47] *See, e.g.*, 40 C.F.R. § 141.86.

[48] Flint's water system is subject to the requirements of the Lead and Copper Rule because it is a "community water system" not otherwise exempted from the regulations. 40 C.F.R. §§ 141.80(a)(1), 141.2.

[49] *See Tamaska v. City of Bluff City*, 26 F. App'x 482, 485 (6th Cir. 2002) (citing *Chesapeake Bay Found. v. Gwaltney of Smithfield*, 844 F.2d 170, 171–72 (4th Cir.1988)). A water system is required to monitor tap water for lead every six months if it (1) exceeds the action level for any monitoring period, or (2) "fails to operate at or above the minimum value or within the range of values for the water quality parameters specified by the State … for more than 9 days in any six-month period." 40 C.F.R. § 141.86(d)(4)(vi)(B). Flint's water system failed to maintain applicable values of orthophosphate and/or pH designated as the optimal water quality parameters by MDEQ. In addition, had the water system conducted monitoring in compliance with the Lead and Copper Rule during the January to June 2015 period, it likely would have exceeded the lead action level.

Under the Act, a "supplier of water" is "any person who owns or operates a public water system."[50] The City of Flint owns Flint's water system.[51] Upon information and belief, the State officials administering Flint's receivership and the City presently operate Flint's water system. As discussed above, Flint's Emergency Manager exercised the authority of the local government in the place of Flint's mayor and city council. The Emergency Manager managed the water system and conducted its affairs, including making the decision to use the Flint River as a primary drinking-water source.[52] In April 2015, Governor Snyder removed the Emergency Manager and appointed a Receivership Transition Advisory Board to oversee the City's affairs until the receivership is terminated.[53] The Board has control over the City's budget, and must approve all decisions adopted by the City Council.[54] The Michigan Local Financial Stability and Choice Act requires the State Treasurer to sit on a receivership transition advisory board for any municipality for which the governor appoints such a board, and Governor Snyder has appointed the State Treasurer (or his designee) to chair Flint's Board.[55] The City Administrator reports to the Board, manages the City's daily administrative operations, and directs City department heads in carrying out the daily activities of the City.[56] To date, the City remains in receivership, and its actions remain subject to approval of the Board.[57]

Accordingly, the City of Flint; Governor Snyder; Dan Wyant, Director of MDEQ; Nick A. Khouri, Treasurer of Michigan; Frederick Headen, Chairperson of the Flint Receivership Transition Advisory Board; Brian Larkin, David McGhee, Robert McMahan,

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[50] 42 U.S.C. § 300f(5).

[51] *See* City of Flint, Water System Update, Sept. 2015, https://www.cityofflint.com/wp-content/uploads/City-Council-Water-Presentation-9-14-2015.pdf (attached as Ex. 52).

[52] *See United States v. Twp. of Brighton*, 153 F.3d 307, 314 (6th Cir. 1998) (defining "operator" for purposes of CERCLA as an entity that "performed some affirmative acts," such as "directing the workings, managing, or conducting the affairs" of a facility) (internal quotation marks and alterations omitted); *cf. United States v. Alisal Water Corp.*, 114 F. Supp. 2d 927, 938 (N.D. Cal. 2000) (applying case law discussing CERCLA "operator" liability to the Safe Drinking Water Act context).

[53] Mich. Comp. Laws § 141.1563(1); Press Release, Gov. Rick Snyder, *Gov. Rick Snyder: City of Flint ready to move forward as financial emergency resolved*, Apr. 29, 2015, http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-353433--,00.html (attached as Ex. 53); Emergency Manager Order 20 ¶¶ 4.a.6, 4.a.7 (adopted Apr. 25, 2015), https://www.cityofflint.com/wp-content/uploads/Order-No.-20.pdf (attached as Ex. 54).

[54] Emergency Manager Order 20 ¶¶ 4.a.6, 4.a.7, *supra* note 53 (Ex. 54).

[55] *See* Mich. Comp. Laws § 141.1563(2); Letter from Gov. Rick Snyder to Hon. Ruth Johnson, Mich. Sec'y of State (Apr. 29, 2015), http://michigan.gov/documents/treasury/Flint_RTAB_Appointments_488251_7.pdf (attached as Ex. 55).

[56] Emergency Manager Order 3 ¶¶ 4-6, 25 (adopted Apr. 10, 2015), https://www.cityofflint.com/wp-content/uploads/Order-No.-3.pdf (attached as Ex. 56). The City Administrator was appointed by the Emergency Manager and can be removed only with the Board's consent.

[57] *Id.*

and Beverly Walker-Griffea, Members of the Board; and Natasha Henderson, Flint City Administrator, are responsible for the violations of the Act by Flint's water system which have endangered and will continue to endanger the health of Flint's residents.

A. Flint's water system is in violation of the Lead and Copper Rule's tap-water monitoring, reporting, and notification requirements

The Lead and Copper Rule requires water systems to identify a pool of sampling sites prior to the commencement of a monitoring period.[58] This requirement is designed to target residences at high risk of lead contamination in drinking water, such as homes served by lead service lines.[59] In violation of the Rule, Flint's water system does not select sampling sites for lead monitoring based on a pre-established sampling pool. For Flint's most recent completed monitoring period, January–June 2015, the Director of the City's Department of Public Works admitted that Flint "thr[ew] bottles out everywhere just to collect as many [samples] as we can, to try and hit our number."[60] Similarly, email correspondence shows that the City has, during several monitoring periods, asked its own employees to submit tap-water samples, without regard to whether the employees were part of a pre-selected sampling pool.[61]

Under the Lead and Copper Rule, water systems that contain lead service lines also must draw fifty percent of their tap-water samples from sites served by a lead service line.[62] Flint's water system does not comply with this requirement. The water system reported to MDEQ that all the sample sites it used during the January–June 2015 monitoring period were residences served by lead service lines.[63] Flint's Utilities Administrator, however, admitted that he was not able to verify that all homes sampled were served by lead service lines.[64] This is because City records concerning the locations of lead service lines in the distribution system are stored on 45,000 paper notecards. Flint began converting these notecards into an electronic spreadsheet this fall, well after the January–June 2015 monitoring period.[65]

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[58] *See* 40 C.F.R. § 141.86(a).

[59] *Id.*

[60] *See* ACLU of Michigan, *Thirst for Truth: Who's to Blame for Flint Water Crisis?*, https://www.youtube.com/watch?t=9&v=LTO9irD2f0Y (posted Sept. 23, 2015).

[61] Email from Michael Glasgow, Flint Utilities Adm'r, to Flint municipal staff (June 1, 2015) (attached as Ex. 57).

[62] 40 C.F.R. § 141.86(a)(8).

[63] *See, e.g.*, City of Flint, Lead and Copper Report and Consumer Notice of Lead Result Certificate for Community Water Supply (July 28, 2015) [hereinafter July 28 Report] (attached as Ex. 58).

[64] *See* ACLU of Michigan, *Thirst for Truth: Who's to Blame for Flint Water Crisis?*, *supra* note 60.

[65] *See* Ron Fonger, *Flint data on lead water lines stored on 45,000 index cards*, Michigan Live, Oct. 1, 2015, http://www.mlive.com/news/flint/index.ssf/2015/10/flint_official_says_data_on_lo.html (attached as Ex. 59).

Flint's water system has also failed to sample the same sites across monitoring periods or document the reasons for declining to sample the same sites, as the Lead and Copper Rule requires.[66] Sampling new sites from one monitoring period to the next is permitted only if a site "is no longer accessible" to the water system or "no longer fits the requirements of a priority site."[67] Records show that in the January–June 2015 monitoring period, Flint's water system retested only thirteen of the one hundred sites it sampled in the previous monitoring period.[68] It did not provide the required explanation for these departures from the previous monitoring period's sampling sites.[69] Upon information and belief, Flint's water system concentrated its monitoring in areas where it anticipated low lead levels, due to recent infrastructure improvements, and selectively retested sites that had previously yielded low lead levels. Such selective sampling violates the Lead and Copper Rule's intention that water systems "do not use only those sampling locations with the lowest lead or copper levels."[70]

Flint's instructions to residents for the collection of tap-water samples also violate the Lead and Copper Rule. The Rule allows residents to collect the tap-water samples used to monitor lead in drinking water, so long as the water system instructs residents of the sampling procedures required by the regulations.[71] Tap-water samples must be "first-draw samples," meaning that the sample must be collected after water in the tap has stood motionless in the plumbing system for at least six hours.[72] Flint's instructions direct residents to flush their taps for five minutes prior to letting the water sit for the six required hours. This "pre-flushing" has been shown to "result in the minimization of lead capture and significant underestimation of lead levels in drinking water."[73] The water system's pre-flush instruction "negates the intent of the [Lead and Copper Rule] to collect compliance

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[66] 40 C.F.R. § 141.86(b)(4).

[67] U.S. EPA, *Lead and Copper Rule Monitoring and Reporting Guidance for Public Water Systems* 25 (Mar. 2010), http://water.epa.gov/lawsregs/rulesregs/sdwa/lcr/upload/Revised-Lead-and-Copper-Rule-Monitoring-and-Reporting-Guidance-for-Public-Water-Systems.pdf (attached as Ex. 60).

[68] *See* July 28 Report, *supra* note 63 (reporting that the same sample sites were not used) (Ex. 58); *see also* Curt Guyette, *Lead Astray: An ACLU of Michigan investigation has found a stream of irregularities in Flint's water tests*, Michigan Democracy Watch Blog, Sept. 14, 2015, http://aclumich.org/democracywatch/index.php/entry/lead-astray-an-aclu-of-michigan-investigation-has-found-a-stream-of-irregularities-in-flint-s-water-tests (attached as Ex. 61).

[69] 40 C.F.R. § 141.90(a)(1)(v).

[70] U.S. EPA, *Lead and Copper Rule Monitoring and Reporting Guidance for Public Water Systems*, *supra* note 67, at 25 (Ex. 60).

[71] 40 C.F.R. § 141.86(b)(2).

[72] *Id.* §§ 141.2, 141.86(b)(2).

[73] Mem. from Miguel Del Toral, U.S. EPA, to Thomas Poy, U.S. EPA, at 2 (June 24, 2015) (attached as Ex. 62).

samples under 'worst-case' conditions,"[74] and goes "against the intent of the monitoring protocol, since it changes the normal water use of the homeowners in the sample."[75]

Flint's water system is violating the Lead and Copper Rule's reporting requirements by representing to MDEQ that Flint's monitoring practices are in compliance with the Rule. The City's water system did not provide documentation to MDEQ justifying its selection of new sample sites in the January–June 2015 monitoring period, and, upon information and belief, is not accurately reporting information concerning whether sampled sites meet required regulatory criteria.[76]

The Lead and Copper Rule also requires Flint's water system to notify each resident whose tap water was sampled of the lead results.[77] Upon information and belief, Flint has failed and continues to fail to properly notify all residents whose tap water was tested for lead of the individual monitoring results.

B. Flint's water system has failed to maintain optimal corrosion-control treatment

The Lead and Copper Rule required all large public water systems, including Flint's water system, to install an "optimal corrosion control treatment" program by January 1, 1997.[78] After a system has optimized its corrosion-control treatment, the regulations require the system to "continue to operate and maintain optimal corrosion control treatment."[79] Since April 2014, Flint's water system has not maintained an optimal corrosion-control treatment program. Historically, the water system complied with the corrosion-control requirements by purchasing treated water from Detroit. When Flint switched its water source to the Flint River in April 2014, it did nothing to treat the Flint River water to control corrosion. This failure to maintain optimized corrosion control violates the Lead and Copper Rule.

Although Flint's water system has resumed its purchase of treated water from Detroit, it has not disavowed its erroneous interpretation of the Lead and Copper Rule's corrosion-control requirements. Nor has it committed to maintaining optimized corrosion control when it switches water sources again this summer to the KWA pipeline. Flint's water system's failure to maintain an optimized corrosion-control treatment program is likely to recur in the future.

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[74] *Id.*

[75] Letter from Cynthia Dougherty, U.S. EPA, to Ralph Scott, Alliance for Healthy Homes (Sept. 12, 2008) (attached as Ex. 63).

[76] *See* 40 C.F.R. § 191.90(a)(1)(i), (a)(1)(v); *supra* pp. 11-12.

[77] 40 C.F.R. § 141.85(d)(1).

[78] *Id.* § 141.81(d)(4).

[79] *Id.* § 141.82(g).

III. The State of Michigan's failure to maintain a schools testing and remediation program violates the Safe Drinking Water Act

The Act requires each state to establish a program "to assist" schools and day care centers in "testing for, and remedying, lead contamination in drinking water."[80] Test results must be made available at schools, with notification to parents and teachers.[81] Michigan, upon information and belief, does not maintain a program for school lead testing, remediation, and notification.[82] Accordingly, Governor Snyder and MDEQ Director Wyant are presently in violation of the Act's schools provision.[83]

IV. Intent to Sue

The City of Flint and Michigan state officials have been and continue to be in violation of the Lead and Copper Rule's requirements for monitoring and sampling tap water for lead, notifying the public of and reporting to the State tap-water monitoring results, and corrosion control. Governor Snyder and MDEQ Director Dan Wyant are in violation of the Act's requirement to maintain a program to assist Michigan schools with testing and remediating lead in school drinking water. These violations are likely to continue and to recur in the future absent a judicial decree ordering City and State officials to comply with the Act. If the City of Flint and the Michigan state officials identified above fail to cure their noncompliance with the Act within sixty days, Concerned Pastors for Social Action, Melissa Mays, ACLU of Michigan, and NRDC will file suit in federal district court seeking declaratory relief, injunctive relief, and litigation costs, as appropriate.

The name, address, and telephone number of each person giving notice pursuant to this letter are:

Concerned Pastors for Social Action
2200 Forrest Hill
Flint, MI 48504
(810) 394-6787
Attention: Pastor Allen Overton

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[80] 42 U.S.C. § 300j-24(d)(1).

[81] *Id.* § 300j-24(d)(2).

[82] Although MDEQ recently announced "an education campaign" to help Michigan schools learn how to test their water for lead, MDEQ has yet to release the details of this effort, including whether it will offer the kind of assistance with testing, remediation, and notification contemplated by the Safe Drinking Water Act. *See* Higgins, *Michigan to launch lead education effort statewide*, *supra* note 44 (Ex. 51).

[83] MDEQ has primary enforcement authority in Michigan for the Safe Drinking Water Act. *See* MDEQ, Drinking Water, http://www.michigan.gov/deq/0,4561,7-135-3313_3675---,00.html (last visited Nov. 13, 2015) (attached as Ex. 64).

Melissa Mays
3714 Beecher Road
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(313) 578-6814
Attention: Michael Steinberg

Natural Resources Defense Council
1152 15th Street, NW, Suite 300
Washington, DC 20005
(202) 289-2385
Attention: Dimple Chaudhary

Do not hesitate to contact us if you would like to discuss this matter.

Respectfully,

Dimple Chaudhary
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From: Muchmore, Dennis (GOV)
Sent: Thursday, December 03, 2015 4:45 PM
To: Posthumus, Dick (GOV); Agen, Jarrod (GOV); Rich Baird; Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Subject: RE: Flint

Absolutely. I think that is Jarrod's recommendation to the Gov also but he'll have to confirm that. It's worth noting that Wayne Workman met with Natasha Henderson (the city manager we put in and a less than stellar choice) and told her that she needs to find an accommodation with the Mayor or she's out. By the way, Wayne Workman announced his retirement yesterday effective Feb. 1, so the guy who is the most knowledgeable and most talented Treasury bureaucrat we have (alongside of whizbang Tom Saxton) is quitting. That is a heck of a hole to fill, so we need to encourage Tom to stay (he's wavering).

From: Posthumus, Dick (GOV)
Sent: Thursday, December 3, 2015 4:17 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Rich Baird [PPI] Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Flint

I know just enough about the Flint situation to be dangerous so if the following doesn't make sense let me know. I have talked to both Senator Ananich and Representative Neely. They like the Governor and appreciate his efforts in Flint. However, they believe because of the combination of the water issue, the "take over" issue, and the approach that Darnell and/or the city manager is taking that it has created a great deal of animosity in Flint. I asked Rep. Neely if the Governor could only do one thing what would you have him do to improve the situation. He said to give the new mayor the ability to appoint some of her own executive staff (legal counsel, etc) that aren't involved with the finances (much like we did in Detroit). Is this something we should consider?
Dick

From: Agen, Jarrod (GOV)
Sent: Thursday, December 03, 2015 4:59 PM
To: Muchmore, Dennis (GOV)
Cc: Posthumus, Dick (GOV); Agen, Jarrod (GOV); Rich Baird; Hollins, Harvey (GOV); Clement, Elizabeth (GOV)
Subject: Re: Flint

Dick,

Yes, totally agree. Harvey & Wayne have already made some good headway on this topic. They've been working to free up the flexibility for the new Mayor to appoint some of her own senior staff.

The new Mayor was also in here today to meet with MSP and DEQ -- so Harvey might be able to share more on the progress.

On Dec 3, 2015, at 4:44 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

> Absolutely. I think that is Jarrod's recommendation to the Gov also but he'll have to confirm that. It's worth noting that Wayne Workman met with Natasha Henderson (the city manager we put in and a less than stellar choice) and told her that she needs to find an accommodation with the Mayor or she's out. By the way, Wayne Workman announced his retirement yesterday effective Feb. 1, so the guy who is the most knowledgeable and most talented Treasury bureaucrat we have (alongside of whizbang Tom Saxton) is quitting. That is a heck of a hole to fill, so we need to encourage Tom to stay (he's wavering).
>
> **From:** Posthumus, Dick (GOV)
> **Sent:** Thursday, December 3, 2015 4:17 PM
> **To:** Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Rich Baird PPI Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
> **Subject:** Flint
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> I know just enough about the Flint situation to be dangerous so if the following doesn't make sense let me know. I have talked to both Senator Ananich and Representative Neely. They like the Governor and appreciate his efforts in Flint. However, they believe because of the combination of the water issue, the "take over" issue, and the approach that Darnell and/or the city manager is taking that it has created a great deal of animosity in Flint. I asked Rep. Neely if the Governor could only do one thing what would you have him do to improve the situation. He said to give the new mayor the ability to appoint some of her own executive staff (legal counsel, etc) that aren't involved with the finances (much like we did in Detroit). Is this something we should consider?
> Dick

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 3:11 PM
To: Hollins, Harvey (GOV); Posthumus, Dick (GOV); Ackerman, Darin (GOV); Lange, Michelle (GOV)
Subject: FW: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

Wanted to make sure you were aware of the Legislative Black Caucus' release on Flint water.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI, mobile Twitter:@michigandmurray

-----Original Message-----
From: Rick Pluta [mailto:rickp@mprn.org]
Sent: Friday, December 18, 2015 2:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

>>> Rosemary Jones <RJones@house.mi.gov> 12/18/2015 11:21 AM >>>

FOR IMMEDIATE RELEASE
Friday, December 18, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-5837

Michigan Legislative Black Caucus Calls For A State of Emergency In Flint MLBC urges Gov. Snyder to act on water crisis in city LANSING - The Michigan Legislative Black Caucus (MLBC) today joined the City of Flint, and urged Gov. Rick Snyder to issue a State of Emergency to address the continuing health concerns caused by the increased lead levels in their water. The MLBC request comes on the heels of the issuance of a State of Emergency declaration by Flint Mayor Karen Weaver, and the Flint City Council.

Although Flint has ceased pulling water from the Flint River, the emergency is in response to continuing reports and studies that indicate the presence of coliform bacteria and high levels of lead in the city's drinking water. Blood samples of Genesee County children - taken before and after the city ended its contract with the Detroit Water and Sewerage Department (DWSD) and began using Flint River water - showed that the number of Flint children with elevated blood-lead levels had jumped from 2.1 percent to 4 percent. Additional tests have disclosed that the blood-lead levels of children living in the poorest Flint neighborhoods have jumped from 2.5 percent to 6.3 percent.

It has been scientifically proven that even low lead levels can affect many different parts of the body. Lead can especially affect a child's mental development, behavior, ability to pay attention, hearing, IQ, kidneys and body growth.

State Rep. Sheldon Neeley (D-Flint), first vice chairman of the MLBC, is working with local, state and federal officials to find solutions and resources. A state-declared heath emergency will allow the city to access federal funding.

"Issuing a health emergency is the most responsible thing to do," Neeley said. "This is a public health crisis, and our children are most at risk. We urge Gov. Snyder to issue the State of Emergency so the city of Flint can get immediate monetary relief."

"Water is a basic human right," state Rep. LaTanya Garrett (D-Detroit) said. "Many of our urban communities have succumb to various water issues. We have a due diligence to work tirelessly to provide relief to our citizens."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: **PPI**
housedems.com

From: Ackerman, Darin (GOV)
Sent: Tuesday, December 29, 2015 3:56 PM
To: Agen, Jarrod (GOV); Posthumus, Dick (GOV)
Subject: Re: Changes in Administration

Not Responsive

On Dec 29, 2015, at 2:02 PM, Agen, Jarrod (GOV) <Agenj@michigan.gov> wrote:

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly decided to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 4:26 PM
To: Ackerman, Darin (GOV)
Cc: Posthumus, Dick (GOV)
Subject: Re: Changes in Administration

Not Responsive

Sent from my iPhone
On Dec 29, 2015, at 2:02 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> Team,
>
> As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

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The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Baird, Richard (GOV)
Sent: Tuesday, December 29, 2015 5:31 PM
To: Agen, Jarrod (GOV); Posthumus, Dick (GOV); Ackerman, Darin (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: RE: Attached Letter from Flint Water Advisory Task Force

It may already be out there. Sikkema said they were considering putting it out in light of G's statement today.

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 5:23 PM
To: Posthumus, Dick (GOV); Ackerman, Darin (GOV)
Cc: Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: FW: Attached Letter from Flint Water Advisory Task Force

Dick & Darin,

Here's the letter from our Flint Water Task Force.

It was received today and they plan to make it public tomorrow.

If you feel it will help to share with SML, feel free to do so.

Adding Rich & Beth in case they feel otherwise.

Thanks

From: Holland, Meegan (GOV)
Sent: Sunday, January 03, 2016 2:32 PM
To: Hollins, Harvey (GOV); Calley PPI cott, Allison (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Redford, James (GOV); Posthumus, Dick (GOV)
Subject: URGENT - DRAFT: FWIACC proposal
Attachments: FWIACC document v2.docx; IA Coord Com Org Chart 233264.pptx; FWIACC cover letter.docx

Colleagues,

Here is a cover letter, FWIACC plan and org chart. Harvey is planning on sending this to Mayor Karen Weaver today.

If you have any feedback, please provide it immediately, since I'll be out of pocket starting at 3:15 p.m. (sorry for the late notice).

- Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

DRAFT: A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FWIACC)

Statement of Need

To better coordinate resources and personnel and react with urgency, Harvey Hollins and MSP Capt. Chris Kelenske have been tasked with creating FWIACC, subject to the approval and endorsement by Flint Mayor Karen Weaver.

We are also recommending, by executive order, that Gov. Rick Snyder authorizes this committee to help restore safe water in Flint and coordinate efforts addressing health/behavioral consequences from lead ingestion.

This inter-agency group will fully engage with all stakeholders committed to solving Flint water issues. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem.

FWIACC will be facilitated by Hollins and Kelenske, who represent statewide resources and constituencies, with support from senior members of the Governor's office.

An overview of FWIACC's goals:

- Create a routine information process between all parties.
- Pursue other avenues of funding, including federal grants and legislative appropriations.
- Implement without delay any appropriate mechanisms that are called for in the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act. These may include local emergency operations plans and guides.

Action Plan

Immediately, FWIACC will:

1. Establish an interagency workgroup described in the attached organizational chart. It will be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external subject matter experts (SMEs). Other entities may be added as needed. Personnel must be goal-oriented, transparent with findings, and able to accomplish FWIACC Incident Action Plan items created by the state in a timely manner. The FWIACC plan would be created with city, county, state and federal needs in mind.

2. Assemble staff with competencies in disaster/emergency planning, operations and finance as outlined under the National Incident Management System (NIMS). Staff will be accountable to the FWIACC leadership to track resource requests and document progress on the FWIACC incident action plan.

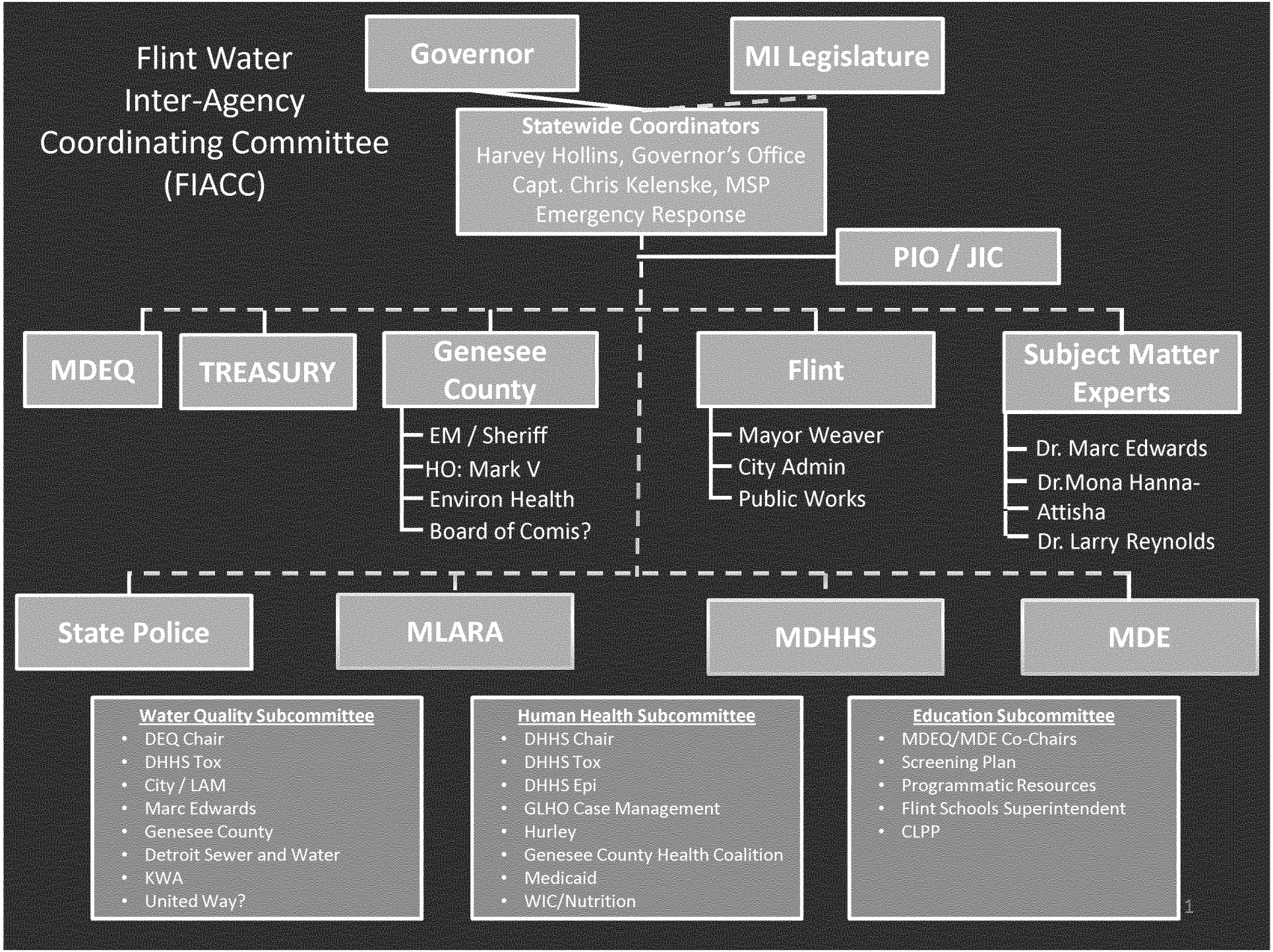
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.

4. Establish routine communications protocols at the operational, executive and legislative levels as determined appropriate.

5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.
    - Identify needed remediation.
    - Convey the remediation plan objectives to all stakeholders and interested parties.
    - Create logistics for distributing water and filters, particularly to homebound citizens.
    - Implement the plan.
2. Determine health impacts for the impacted population.
    - Identify treatment methods, nutrition education and protocols for monitoring, neurodevelopmental screening, access to DBP specialists and psychologists/psychiatrists, expanded county services, etc.
    - Convey the treatment plan objectives to interested parties.
    - Implement the plan.
3. Establish a public information protocol to effectively inform the community.
    - Identify existing public information outlets within the city, county and state, including schools, churches and other formal and informal distribution networks.
    - Establish a Joint Information Center.
    - Provide for emergency alerts and updates.
    - Determine the process for approving official information before it's disseminated.
    - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
    - Determine current state of the infrastructure.
    - Develop priorities, costs and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.).
    - Implement the plan.


Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
MI Legislature
Statewide Coordinators
Harvey Hollins, Governor's Office
Capt. Chris Kelenske, MSP Emergency Response
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Dr. Marc Edwards
Dr.Mona Hanna-Attisha
Dr. Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

January 3, 2016

To: Mayor Karen Weaver

From: Harvey Hollins

Governor Snyder and several members of his team do not believe we can wait for the necessary documentation for FEMA to act on any emergency declaration – and that an action plan should be fired up now by our State and Local entities and bring together agencies and stakeholders that need to communicate and coordinate more effectively regarding next steps and resources.

Our working draft title is the Flint Water Inter-Agency Coordinating Committee (FWIACC), and it would immediately address ways at every level to restore safe water and monitor/mitigate the effects of the lead.

In addition to Governor Snyder, the key officials working on this blueprint were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, Rich Baird and myself. The need for engaged central coordination has also been recommended by the Governor's Flint Water After-Action Task Force, of which Dr. Larry Reynolds is a member. Governor Snyder has endorsed this approach and has asked me to provide you with a draft copy in advance of your meeting with him on January 7. If you agree, we will organize this committee immediately, and the Governor will issue an executive order to authorize FWIACC to work on the issue for the long term .

As you know, there is a significant amount of work to be done before the Federal government will approve an emergency declaration under the Emergency Management Act. FWIACC could begin its work immediately and would be in place to complement, not replace any action group ultimately formed by an emergency declaration. And we believe it would demonstrate how to best leverage essential support addressing manmade emergencies like this, since existing laws are more oriented toward natural disasters.

We brainstormed who should be included in this initial emergency response, with the idea that you and other stakeholders may have recommendations on others who need to be added.

You will note the organization chart and the proposal description is not a normal hierarchical entity. This is a collaborative, stakeholder-driven partnership. Chris and I would facilitate it, but it is a partnership of city, county and state viewpoints, and would include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

All parties will be required to be transparent about their ideas and findings, agreeing to accountability measures and reporting on them on a regular basis.

Please let me know your thoughts on this approach and also other agenda items you wish to see on January 7. If you agree, we would also invite the interim DEQ director, Keith Creagh, and the newly appointed spokesperson to meet you then.

From: Agen, Jarrod (GOV)
Sent: Sunday, January 03, 2016 6:23 PM
To: Baird, Richard (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Holland, Meegan (GOV); Murray, David (GOV)
Cc: Redford, James (GOV); Clement, Elizabeth (GOV); Calley PPI
Subject: Neely

Not productive, let alone not true.

1) Meegan & Dave: In an RPA way, make sure the record is correct here. At least all our recent actions should be included here.

2) Is it worth bringing Neely in to explain all we are doing? Or is he going to keep this up no matter what?

http://www.mlive.com/news/flint/index.ssf/2016/01/state_rep_sheldon_neeley_calls.html

At some point in time one of the emergency managers, unbeknownst to the city council, made a decision that they would start the process and we're going to use the Flint River water as the primary source of water," he said.

From: Hollins, Harvey (GOV)
Sent: Sunday, January 03, 2016 7:10 PM
To: Agen, Jarrod (GOV)
Cc: Baird, Richard (GOV); Posthumus, Dick (GOV); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Clement, Elizabeth (GOV); Calley, PPI
Subject: Re: Neely

Please keep in mind that while the switch to the Flint River was made by the EM, that decision would have never been an option if the city voted down the option to leave DWSD to construct a new pipeline and join KWA. The proposal to leave DWSD was passed by a 7-1 vote of the Flint city council where then councilman Neely voted yes, then was appointed to the KWA.

Politically, I believe he keeps this up. I rather just stay the course, we will not be able to reel Neely in. However, before the EO is signed, I think it would be important for the Governor to brief several legislators, Neely and Ananich being two.

In the meantime, we should focus on positioning the Mayor a the local leader on this issue.

Best,
Harvey

On Jan 3, 2016, at 6:22 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

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>
> 1) Meegan & Dave: In an RPA way, make sure the record is correct here. At least all our recent actions should be included here.
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> 2) Is it worth bringing Neely in to explain all we are doing? Or is he going to keep this up no matter what?
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> http://www.mlive.com/news/flint/index.ssf/2016/01/state_rep_sheldon_neeley_calls.html
>
> *At some point in time one of the emergency managers, unbeknownst to the city council, made a decision that they would start the process and we're going to use the Flint River water as the primary source of water," he said.*

From: Muchmore, Dennis (GOV)
Sent: Monday, January 04, 2016 9:06 PM
To: Agen, Jarrod (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Lange, Michelle (GOV)
Subject: Fwd: Additional Steps for Flint

Sent from my iPhone

Begin forwarded message:

From: "Rep. Sheldon Neeley (District 34)" <SheldonNeeley@house.mi.gov>
Date: January 4, 2016 at 2:23:38 PM EST
To: "PPI", PPI
"Muchmore, Dennis (GOV" <muchmored@michigan.gov>
Subject: Additional Steps for Flint

Governor Snyder,

In the interest of being sensitive to the unforeseen problems that will affect children of this Flint Water Crisis, I am formally requesting you to forgive the debt balance currently imposed on the Flint Community Schools. I make this request because this school district will have the majority burden of addressing issues relating to the lead intrusion into the blood of children in this school system. There will be untold problems for years to come that will require an already overwhelmed school district to be required to meet the needs of these children who are victims of this disaster.

Respectfully,

Sheldon Neeley
State Representative
34th District

From: Agen, Jarrod (GOV)
Sent: Monday, October 19, 2015 10:32 AM
To: Posthumus, Dick (GOV); Clement, Elizabeth (GOV)
Subject: DEQ Internal Changes

Dick,

Here's the talking points & messaging from DEQ on the internal changes announced today.

DEQ Director Dan Wyant today made the following statement as he announced DEQ Chief Deputy Jim Sygo will immediately assume the role of interim chief of the department's Office of Drinking Water and Municipal Assistance:

"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 5:23 PM
To: Posthumus, Dick (GOV); Ackerman, Darin (GOV)
Cc: Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: FW: Attached Letter from Flint Water Advisory Task Force
Attachments: FWATF-Snyder Letter %28122915%29.pdf

Dick & Darin,

Here's the letter from our Flint Water Task Force.

It was received today and they plan to make it public tomorrow.

If you feel it will help to share with SML, feel free to do so.

Adding Rich & Beth in case they feel otherwise.

Thanks

December 29, 2015

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

<u>Regulatory Failure</u>

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan.

This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a

legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Matt Davis
Chris Kolb
Larry Reynolds
Eric Rothstein
Ken Sikkema

From: Rep. Sheldon Neeley (District 34) <SheldonNeeley@house.mi.gov>
Sent: Thursday, January 29, 2015 4:02 PM
To: GovernorsOffice
Cc: Posthumus, Dick (GOV); Muchmore, Dennis (GOV); Clyde Edwards; Kiesha Speech
Subject: Letter of Appeal for Flint
Attachments: Neeley Letter to the Governor 01-29-15.pdf

Importance: High

Dear Gov. Snyder,
Please find attached my letter of appeal to your office concerning the City of Flint, a place I proudly call home, and now proudly represent as its State Legislator. I look forward to meaningful discussions regarding solutions to the problems that my community now faces, and appreciate a timely response from your office.

For the Love of the Community,

Sheldon Neeley, State Representative
34th District - Flint
N-798 House Office Building
P. O. Box 30014
Lansing, MI 48909
Office: (517) 373-8808
Toll Free: (844) 4-NEELEY
FAX: (517) 373-5997
E-mail: sheldonneeley@house.mi.gov
Web: http://neeley.housedems.com

34TH DISTRICT
STATE CAPITOL
P.O. BOX 30014
LANSING, MI 48909-7514
PHONE: (517) 373-8838
FAX: (517) 373-8987
E-MAIL: sheldonneeley@house.mi.gov

MICHIGAN HOUSE OF REPRESENTATIVES

SHELDON A. NEELEY

STATE REPRESENTATIVE

January 29, 2015

Honorable Rick Snyder, Governor
State of Michigan

Dear Gov. Snyder,

With the dawn of a new beginning in our state, the city of Flint stands on the precipice of civil unrest. This letter comes as an appeal to your office concerning this proud Michigan community and recent discussions pertaining to Flint's water distribution and management strategies for both present and future operations. Flint has had a long history concerning the implementation of water practices and financial management of its water assets. Our present journey has caused us to take a closer look at our 80-year-old infrastructure and examine a difficult position where we must correct some past and even present challenges, one of which is affecting the people of my community to the point of a fervor over something as simple as drinking clean water.

As we engage these challenges, Flint must revisit the present water revolving loan plans to determine how these current funding obligations will affect water delivery and asset development for the future. It is clear that no significant improvements can be obtained without some supportive concessions. Therefore, I am requesting on behalf of the 34th District, which contains a portion of the city of Flint, for you to consider an executive decision to forgive (in-total or part) Flint's water fund loan balances of $20,770,336 so that we may effectively apply those funds to rebuilding the city's infrastructure, to competitively obtain highly qualified personnel and provide a more cost effective water delivery system. I understand there has been many requests made of your office to resolve this very serious issue, but this approach will best safeguard the health and welfare of the residents of Flint as well as minimize the potential for litigation against the city of Flint and/or the state of Michigan.

With a cost-effective water delivery system, we will be able to improve our system in the following ways: upgrade wastewater treatment processes, improve safe drinking water upgrades, and maintain and sustain a water system that provides a better quality of water product to the citizens of Flint.

Recycled Paper

It is imperative that this issue be addressed in some way on the state level. Residents of Flint are already finding themselves forced to take drastic measures simply to have clean drinking water.

Community health could be on the decline as citizens become afraid to even shower or bathe in their homes. The people of Flint bring bottles of brown water full of sediment and other foreign substances to community meetings, asking only to be treated as human beings. That is all I am asking of you - to see the suffering and anger from the people in one of Michigan's municipalities and understand that there is a need to react and respond to this crisis.

With the beginning of a new year to work toward a better Michigan, my office is ready to have discussions on this request and other planning that works to improve OUR Michigan. I sincerely thank you in advance for your consideration on this matter.

For the Love of the Community,

Sheldon A. Neeley, State Representative
34th District

CC: Dennis Muchmore
Dick Posthumus

From: Gelisse, Ashley (TREASURY)
Sent: Monday, February 02, 2015 3:08 PM
To: Posthumus, Dick (GOV); Wurfel, Sara (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Allard, Claire (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV)
Cc: Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury)
Subject: Independent Water Analysis - Flint
Attachments: Independent Water Analysis.PDF

FYI only – a helpful article about the water situation in Flint, offers a good independent assessment. Thanks.

Ashley Gelisse
Senior Policy Advisor to State Treasurer Kevin Clinton
Richard H. Austin Building
430 West Allegan Street
Lansing, MI 48922
Direct: 517-241-2474
Cell: PPI
gelisseal@michigan.gov

Waste Water Flow Device
Hand Held Industrial Measurement With Clamp-On Sensors & Shielded.

ABC12 Investigates: What's in your water?

Posted: Jan 29, 2015 3:38 PM EST
Updated: Jan 29, 2015 11:54 PM EST

By Larry Elliott CONNECT

FLINT (WJRT) - (01/29/15) - The results are in and we now have a completely independent look at what's in Flint's water supply.

For months, since Flint switched from a Detroit water supply to the Flint River as it's water source, Flint water customers have complained of smelly, cloudy, bad tasting water and blame it for a variety of health problems.

Complaints exploded earlier this month when Flint notified its water customers that a group of chemicals known as TTHM were at much higher average levels than allowed by law.

With so many questions and distrust of the answers, ABC12's Larry Elliott investigates - What's in your Water?

It seems no matter who you ask in the Flint area, there's an opinion about the city's water. Most of the issues center on the quality of the water and whether it's safe to drink.

"Right now it smells," said Flint resident Lee Miller. "We're getting water out of our own back yard now and it's costing me double what it was coming from Detroit."

"It has a funny taste to it," said Flint resident Milton Alexander.

"It could be dangerous to us, actually I don't know how dangerous it is," said Flint resident Shanika Sanders.

"I'm no cheerleader for the water department here, I think we've got a lot of issues to work on," Ken VanWagoner, of Good Beans Cafe - Flint.

Most of the issues center on the quality of the water and whether it's safe to drink, but concern over its safety reached a new high earlier this month when the city was required by the state Department of Environmental Quality to notify residents that the water had exceeded the allowable limit of a group of chemicals known as TTHM.

TTHM is in most municipal water systems and is thought by some to be a possible carcinogen in long term exposure.

It's a byproduct of chlorination, which is commonly used to help purify water. Last August, as Flint's water treatment plant worked to purify the water it was drawing from the Flint River, levels of TTHM grew to well over the EPA allowed maximum.

August test results provided by the DEQ to ABC12 show all of the eight testing sites around Flint had TTHM levels well above the legal limit.

The lowest level among the eight sites was 40 percent above the legal limit. The highest was 145 percent

more than allowed.

DEQ rules only require the city to report higher than allowed levels to the public once a year, and only if the average of quarterly tests is higher than the legal limit.

That notification went out to residents on Jan. 5. Since then, many residents have refused to believe assurances from the DEQ and the city that the water is now safe to drink.

So, we set out to do complete and independent testing to find out for ourselves exactly what's in your water.

It took a bit of research, but we finally found Water Tech, in Howell, a testing lab with absolutely no ties to Flint, just to make sure there are no questions about the test results.

After having Water Tech train ABC12's Larry Elliott on the proper methods for collecting water samples, we set out last week to randomly test five sites in Flint.

1. Downtown.

"I'm excited to see this done because this is an independent way to find out that everything's just fine," VanWagoner said.

2. The north side.

"We'd like to do kind of a whole battery of tests of your water. Oh yeah," Alexander said.

3. The west side.

"It could be dangerous to us. How about if we help you find out what's in it right now?" Sanders said.

4. The east side.

"I'm hoping for a good test and put my family at ease," Miller said.

5. Our main studio, on the south side.

We also wanted to compare whatever we're to find with Detroit supplied water, so we took a sample from the Burton water system.

Since next year Flint will connect to the new KWA pipeline, getting its water from Lake Huron, we took a comparison sample from the Saginaw-Midland water system, which currently uses Lake Huron water.

We tested all the sites for levels of TTHM. We also tested how much residual chlorine was in the Flint and Burton water supply and more importantly, we tested at two of our Flint sites for a number of other hazardous chemicals that could cause skin or other health problems.

Tests for those other chemicals are not required for public water systems, but we decided to run those tests anyway.

Here's what our independent testing shows:

All sites tested, including the Saginaw-Midland water system and the Burton system, using Detroit water, contained TTHM - but all of them were well below the EPA allowed maximum.

Saginaw-Midland water had less than a third of the maximum TTHM allowed, the Burton system had only about 25 percent of the maximum and the highest level found of all of our Flint tests showed just over 65 percent of what's allowed, all below EPA limits.

A similar byproduct of chlorination, haloacetic acids, was also well below EPA maximums in Flint's water.

We tested Flint's north and east water samples for many other hazardous chemicals that a doctor told us could cause skin or other health problems, and on both tests, not a single one of those chemicals was detected.

Since most often any smell to the water would be caused by levels of total residual chlorine, we tested that too, in both our Flint and Burton samples.

The legal limit is 4 milligrams per liter. The average of our Flint samples shows a level of about a half milligram per liter. Our test in Burton actually shows 22 percent more residual chlorine than Flint.

Our Flint sample also showed no Coliform bacteria.

We asked Chris McCarthy, of Water Tech, a few questions.

Q: How would you describe these test results?

A: "Well, for the samples received, the tests we performed, everything is within EPA guidelines for safe drinking water."

Q: Is there anything in these results that raises a red flag for you?

A: "For water quality or water safety, No."

We then asked residents if these results change their opinion of what they'll do with their water now.

"To be honest, no," Alexander said.

"It will make me feel a lot more comfortable about bathing and brushing my teeth in it, but I'm still not going to drink it and I'm not gonna give it to my kids or my dog," Sanders said.

"It makes me feel a lot more safer, a lot more comfortable knowing that it's safe to drink now, you know. I'll tell you a load lifted off my shoulders. When the kids take baths, when my wife takes a shower, you know, I know now we're safe," Miller said.

So what about those who've stood before Flint City Council with jugs of discolored water?

While Genesee County Drain Commissioner Jeff Wright points out he has no jurisdiction over Flint's water system, he says in general, discolored water like this is nearly always the result of water main breaks or repairs, and Flint has more than its share because of its aging system.

Wright also says the KWA pipeline won't change that. It will take better management of repairs and money - lots of it - to replace Flint's aging water mains.

Unfortunately for the city of Flint, those very high levels of TTHM recorded last August in Flint water tests are still required by the DEQ to be included in the next report calculating average TTHM levels.

The next test will be done next week, and city Public Works Director Howard Croft tells ABC12, because of the high levels last August, the city will again be found in violation and will be required by the DEQ to send out another TTHM notice of violation to all Flint water customers in early March, even if all new tests show levels under the legal limit.

To view the TTHM testing results from the Michigan DEQ, click HERE.

To view the results of ABC12's water tests, click on the location you'd like to see results for below:

Flint Center

Flint North

Flint East

Flint South

Flint West

Burton

Saginaw-Midland

To view the Michigan DEQ results for South Flint, click HERE.

From: Duncan, Nancy (DTMB)
Sent: Thursday, October 08, 2015 8:41 AM
To: Roberts, John (DTMB); Snyder, Rick (GOV)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Wyant, Dan (DEQ); Scott, Allison (GOV)
Subject: RE: Flint Funding Request
Attachments: City of Flint Water Funding Solution.pdf

The DHHS number (for follow-up on children with elevated blood levels) increased slightly from $600k to $850k, bringing the total state commitment to $10.6m gross/$8.2m GF. Revised chart attached.

From: Roberts, John (DTMB)
Sent: Wednesday, October 07, 2015 7:20 PM
To: Snyder, Rick (GOV)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Wyant, Dan (DEQ); Duncan, Nancy (DTMB); Scott, Allison (GOV)
Subject: Flint Funding Request

Governor –

Attached is a summary of the funding recommendations, from the departments, to address the Flint Water situation. The total state commitment would be $10.4m; $7.9m of that amount is GF/GP. [The DHHS number needs to be verified tomorrow morning, but the final number should be close to this estimate.]

The funding will address 4 priority areas:

1. Provision of filters for residential service;

2. 50% of the estimated cost to reconnect temporarily to the Detroit Water System;

3. Funding for testing water samples; and

4. Other state assistance (e.g., home/school/health facility inspections and follow-up for children with elevated blood levels).

We are preparing a formal supplemental request to transmit to the Legislature tomorrow. I intend to talk with Rep. Pscholka and Sen. Hildenbrand about including this funding in HB 4102, the pending supplemental bill now awaiting House concurrence. Assuming that they agree, we would ask for final action next week.

Are you ok proceeding with these numbers?

John

City of Flint Water - Funding Solution
State of Michigan Commitment

Agency	GF/GP	Gross	Comments
Filters:			
Health & Human Services	$1,016,000	$1,016,000	AY15 work project
Health & Human Services	$0	$1,000,000	DEQ State Restricted Settlement Funds provided to HHS Emergency Services local office (FY16 appropriation).
Subtotal Filters:	**$1,016,000**	**$2,016,000**	
Reconnect to DSW:			**Reconnection costs ~$1.3m/month x 9 mos. to be shared by state & Flint**
Environmental Quality	$5,000,000	$6,000,000	DEQ State Restricted Settlement Fund of $1m; balance GF/GP
Subtotal Reconnect:	**$5,000,000**	**$6,000,000**	
Testing Costs:			
Environmental Quality	$1,000,000	$1,000,000	Additional tests at state lab; cost per sample: $26
Subtotal Testing:	**$1,000,000**	**$1,000,000**	
Additional Agency Support:			
LARA	$0	$200,000	Support for plumbing inspectors to do schools (public and parochial) and health facilities (hospitals, Long Term Care, etc.).
MSHDA	$0	$249,900	Sufficient spending authority already exists
Health & Human Services	$850,000	$850,000	Follow-up on children with elevated blood levels
Environmental Quality	$300,000	$300,000	Home and school inspections.
Subtotal Additional Support:	**$1,150,000**	**$1,599,900**	
ALL TOTAL	**$8,166,000**	**$10,615,900**	

From: Posthumus, Dick (GOV)
Sent: Wednesday, September 30, 2015 1:56 PM
To: Muchmore, Dennis (GOV)
Subject: RE: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

They want to bring a proposal for the appropriations process I believe. I think we just need to listen for now and so I didn't want to waste anyone else's time. The "old people's " time isn't as valuable!

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Wednesday, September 30, 2015 1:54 PM
To: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Cc: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: Re: Mtg on Flint Water w/ Sen Ananich (staff)/DM/DP

So, what do they want? Who should we bring?

> On Sep 30, 2015, at 10:58 AM, Posthumus, Dick (GOV) <Posthumusd@michigan.gov> wrote:
>
> Attending:
> Sen Ananich (he may arrive late or leave early – they are working on
> his schedule) Andy Leavitt Dan Oberlan – Policy Dave Etenger – Policy
>
> CON: Shawn – 3-2820
>
> <meeting.ics>

From: Posthumus, Dick (GOV)
Sent: Friday, October 02, 2015 11:04 AM
To: Muchmore, Dennis (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS)
Cc: Hollins, Harvey (GOV); Mcbride, Bill (GOV)
Subject: RE: Ananich, Neely, Kildee

I don't want to assume anything. But have the legislators been briefed and asked to be at the press conference in Flint?
Dick

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 10:32 AM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Ananich, Neely, Kildee

Were you able to connect and brief these guys?

From: Posthumus, Dick (GOV)
Sent: Thursday, October 15, 2015 12:22 PM
To: Scott, Allison (GOV)
Subject: FW: rep neeley

Allison;
Here is some background that Michelle was able to get for the Governor on Rep Neely.
Dick

From: Lange, Michelle (GOV)
Sent: Thursday, October 15, 2015 12:20 PM
To: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Subject: Re: rep neeley

I apologize for the delay in responding- the LG came over and has been talking to Karen, Tyler & I about 3rd grade reading.

He and I have not had much conversation on Flint water. I don't believe he made any comments when the supplemental bill moved on the house floor yesterday- it went so quickly. His comments in a press release after the press conference announcing flint would go back to Detroit water are that he urged the state to pick up the entire tab dance the EM appointed by the Governor made the decision to switch to flint's water. The same press release says he wants the state to be more proactive in testing lead levels. I don't think he put anything out on it yesterday.

One final note in the press release on the lead testing is that he said he was waiting on a response to a letter that was sent to the governor and nick Lyon, that was as of 10/08.

Please let me know if you need me to dig up any further info.

M.

On Oct 15, 2015, at 12:04 PM, Posthumus, Dick (GOV) <Posthumusd@michigan.gov> wrote:

> Michelle
> Anything you think we should tell the Governor about Neely?
> Dick
>
> ---
>
> **From:** Scott, Allison (GOV)
> **Sent:** Thursday, October 15, 2015 11:29 AM
> **To:** Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
> **Cc:** Lange, Michelle (GOV) <LangeM3@michigan.gov>
> **Subject:** rep neeley
>
> Dennis indicated Gov should call Rep Neeley as he needs some attention from the Governor on the flint topic.
>
> Before Gov can do this, he has asked for some info/background re Neeley so he is well apprised.

From: Paciorek, Josh (GOV)
Sent: Wednesday, September 30, 2015 1:22 PM
To: Stiffler, Michelle (DTMB); Estill, John (DTMB); Andorfer, Bob (MDARD); Shaw, Eric (DEQ)
Cc: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV)
Subject: RE: New web page

Hi everyone,

Regarding the Flint water website, it seems there might be two separate projects happening at once.

I just spoke with Karen (PIO at DEQ), and she said that Bob Andorfer and Eric Shaw are working on a flint water site.

Our team in the Gov's office asked John Estill and Michelle Stiffler to start on a site, too .

I'm not sure if you four have been working together, but we wanted to make sure moving forward that we are all on the same page.

Best,

Josh Paciorek
Social Media Manager | Governor Rick Snyder
O: 517-373-4845 | C: PPI
@JoshPaciorek

From: Stiffler, Michelle (DTMB)
Sent: Wednesday, September 30, 2015 12:26 PM
To: Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>
Cc: Estill, John (DTMB) <EstillJ@michigan.gov>; Thompson, John (DTMB) <thompsonj@michigan.gov>
Subject: RE: New web page

Josh,

Below is the in-progress shell, with a couple of stock images just for fill and the categories that were initially requested. I have created a 'Flint Water Admin' group and added you to it, so you should be all set with adding content when you're ready.

Just let us know what cosmetic changes you need, and if you would like any special components such as toggle and/or accordion for the FAQ, etc.

http://w3.michigan.gov/flintwater

Thanks,

Michelle Stiffler

Michigan.gov Support
DTMB

From: Paciorek, Josh (GOV)
Sent: Wednesday, September 30, 2015 9:46 AM
To: Stiffler, Michelle (DTMB)
Cc: Estill, John (DTMB); Thompson, John (DTMB)
Subject: RE: New web page

Hi Michelle and John,

Also, I know in the first email I wrote, "
The 'header' should be: "Understanding the Flint Drinking Water Situation"

We'd like to change that to "Taking Action on Flint Water."

Thank you!

From: Stiffler, Michelle (DTMB)
Sent: Wednesday, September 30, 2015 9:40 AM
To: Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>
Cc: Estill, John (DTMB) <EstillJ@michigan.gov>; Thompson, John (DTMB) <thompsonj@michigan.gov>
Subject: RE: New web page

Josh,

If you could provide a site path, I can get started with the basic shell. Below is just a suggestion:

michigan.gov/flintwater

Michelle Stiffler
Michigan.gov Support
DTMB

From: Paciorek, Josh (GOV)
Sent: Wednesday, September 30, 2015 8:40 AM
To: Thompson, John (DTMB)
Cc: Estill, John (DTMB); Stiffler, Michelle (DTMB)
Subject: RE: New web page

Great, John! Thanks.

It should be a relatively small site and it should be kept very basic like the www.mi.gov/Detroitcantwait or www.michigan.gov/highlandparkschools sites.

I can assist with the creation & publishing of the content. Just let me know what you'll need from me, and I'll be in touch later today as I learn more about exactly what they want included on this site.

Thanks again

Josh

From: Thompson, John (DTMB)
Sent: Wednesday, September 30, 2015 8:36 AM
To: Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>
Cc: Estill, John (DTMB) <EstillJ@michigan.gov>; Stiffler, Michelle (DTMB) <StifflerM@michigan.gov>
Subject: RE: New web page

HI Josh,

Please work with John Estill and Michelle Stiffler to help get the site created. They are also involved in the launching of the new MDDHS this week so as long as this is going to be a relative small site with not a lot of back and forth changes they should be able to get it done by Friday. Is there someone that can assist with the creation and the publishing of the content so that John and Michelle can focus on getting the graphics and structure of the site built out?

Thanks,
John Thompson
Michigan.gov Web Development
eMichigan, CSS, DTMB
PPI

From: Paciorek, Josh (GOV)
Sent: Wednesday, September 30, 2015 2:23 PM
To: Wurfel, Sara (GOV)
Subject: FW: Tips and current action steps
Attachments: 151001. Action plan.docx

From: Tommasulo, Karen (DEQ)
Sent: Wednesday, September 30, 2015 1:19 PM
To: Paciorek, Josh (GOV) <Paciorekj@michigan.gov>
Subject: Tips and current action steps

Action plan attached. I'll keep you updated if wording changes.

Tips:

Flush your cold water pipes before use, and use only water from the cold water tap for drinking, cooking and especially for making baby formula.

- Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.
- It takes time for lead to accumulate in drinking water from plumbing, and so flushing your pipes prior to using them can minimize your exposure.
    - To flush your pipes, run the water until it's as cold as it will go. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 5 minutes if you have not used any water in hours.
    - In the city of Flint, running the water for 5 minutes only costs about 3 cents.
- Additionally, more lead gets into hot water than cold water. Use only cold water for drinking, cooking and making baby formula.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
PPI PPI
tommasulok@michigan.gov

Flint Drinking Water Action Plan

Immediately test all Flint public schools to ensure that drinking water is safe. Testing will also be available at no cost to any other school in Flint.

Expand water testing of at-risk properties.

Offer water testing at no cost to Flint residents to assure water is safe.

Speed up the implementation of fully optimized corrosion controls in the Flint drinking water system.

Convene the city's safe drinking water "Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.

Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.

Continue to disseminate advisories recommending residents flush their cold water pipes before use, as well as use only water from the cold water tap for drinking, cooking and especially for making baby formula.

Provide filters to residences of Flint.

Offer premixed formula if test results indicate high levels of lead.

Accelerate water system improvements to address replacement of lead service lines.

Expedite Completion of Karegnondi Water Authority.

Facilitate conversation between the City of Flint and DSWD.

From: Paciorek, Josh (GOV)
Sent: Wednesday, September 30, 2015 3:32 PM
To: Stiffler, Michelle (DTMB); Andorfer, Bob (MDARD); Shaw, Eric (DEQ); Tommasulo, Karen (DEQ); Estill, John (DTMB)
Cc: Wurfel, Sara (GOV); Holton, Jennifer (MDARD)
Subject: RE: New web page

Hi all,

Bob and Eric can both have the authority to edit/post content.

Regarding the location of the page, the Governor's office discussed it and we're comfortable having it on the DEQ page where they originally planned on having it and letting them post/edit content moving forward. The marketing url should still be www.mi.gov/flintwater.

Please let me know if you have any questions.

Thanks

Josh Paciorek
Social Media Manager | Governor Rick Snyder
O: 517-373-4845 | C: **PPI**
@JoshPaciorek

From: Stiffler, Michelle (DTMB)
Sent: Wednesday, September 30, 2015 3:07 PM
To: Andorfer, Bob (MDARD) <andorferb@michigan.gov>; Shaw, Eric (DEQ) <ShawE2@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Estill, John (DTMB) <EstillJ@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Holton, Jennifer (MDARD) <holtonj@michigan.gov>
Subject: RE: New web page

Bob,

Given this site was a request from the Governor's office, we would **need approval from Josh Paciorek or Sara Wurfel** to add you to the author and/or site admin group for /flintwater.

Thanks!

Michelle Stiffler
Michigan.gov Support
DTMB

From: Andorfer, Bob (MDARD)
Sent: Wednesday, September 30, 2015 2:59 PM
To: Shaw, Eric (DEQ); Tommasulo, Karen (DEQ); Stiffler, Michelle (DTMB); Paciorek, Josh (GOV); Estill, John (DTMB)

Cc: Wurfel, Sara (GOV); Holton, Jennifer (MDARD)
Subject: RE: New web page

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Bob Andorfer
MDARD

From: Shaw, Eric (DEQ)
Sent: Wednesday, September 30, 2015 2:49 PM
To: Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Stiffler, Michelle (DTMB) <StifflerM@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Estill, John (DTMB) <EstillJ@michigan.gov>; Andorfer, Bob (MDARD) <andorferb@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
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From: Tommasulo, Karen (DEQ)
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To: Stiffler, Michelle (DTMB); Paciorek, Josh (GOV); Estill, John (DTMB); Andorfer, Bob (MDARD); Shaw, Eric (DEQ)
Cc: Wurfel, Sara (GOV)
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Cc: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV)
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http://w3.michigan.gov/flintwater

There will be links to other resources on the new /flintwater site, so if you have relevant content on your sites (DEQ and/or MDARD), just let us know and we will be sure to include it.

Michelle Stiffler
Michigan.gov Support

DTMB

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Best,

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Social Media Manager | Governor Rick Snyder
O: 517-373-4845 | C: **PPI**
@JoshPaciorek

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Subject: RE: New web page

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Michigan.gov Support
DTMB

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Sent: Wednesday, September 30, 2015 9:46 AM
To: Stiffler, Michelle (DTMB)
Cc: Estill, John (DTMB); Thompson, John (DTMB)
Subject: RE: New web page

Hi Michelle and John,

Also, I know in the first email I wrote, "
The 'header' should be: "Understanding the Flint Drinking Water Situation"

We'd like to change that to "Taking Action on Flint Water."

Thank you!

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michigan.gov/flintwater

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Cc: Estill, John (DTMB); Stiffler, Michelle (DTMB)
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Great, John! Thanks.

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I can assist with the creation & publishing of the content. Just let me know what you'll need from me, and I'll be in touch later today as I learn more about exactly what they want included on this site.

Thanks again

Josh

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Thanks,
John Thompson
Michigan.gov Web Development
eMichigan, CSS, DTMB
PPI

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 3:39 PM
To: Shaw, Eric (DEQ)
Cc: Stiffler, Michelle (DTMB); Andorfer, Bob (MDARD); Tommasulo, Karen (DEQ); Estill, John (DTMB); Wurfel, Sara (GOV)
Subject: Re: New web page

Great, thanks. And just to confirm, it'll be hosted on the DEQ site?

Sent from my iPhone

On Oct 1, 2015, at 3:38 PM, Shaw, Eric (DEQ) <ShawE2@michigan.gov> wrote:

> The shell is built. Once we get the content I will work with Bob to get it posted.
>
> Sent from my iPhone
>
> On Oct 1, 2015, at 3:28 PM, Paciorek, Josh (GOV) <PaciorekJ@michigan.gov> wrote:
>
> > All,
> >
> > Where do we stand at the moment regarding the shell of the website?
> >
> > We're finalizing content currently. Once we get the website, how difficult will it be to get the content posted?
> >
> > Thanks
> >
> > Josh
> >
> > Sent from my iPhone
> >
> > On Sep 30, 2015, at 3:06 PM, Stiffler, Michelle (DTMB) <StifflerM@michigan.gov> wrote:
> >
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> > >
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> > >
> > > Thanks!
> > >
> > > Michelle Stiffler
> > > Michigan.gov Support
> > > DTMB
> > >
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PPI

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 7:53 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: Formatted press release
Attachments: PR 151001_FlintWater.docx

Attached is the formatted press release.

Thanks

Josh

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

Contact:	**FOR IMMEDIATE RELEASE** Friday, Oct. 2, 2015
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 or Karen Tommasulo, 517-284-6714 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or connections might experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Department of Environmental Quality, and the Department of Health and Human Services, the U.S. Environmental Protection Agency, and the City of Flint.

"People are worried about their health and their families, and they need to have accurate information and know that help is available," Snyder said. "Today's action plan builds upon ongoing work with state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents can feel safe and address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Expanding health exposure testing of individual homes.

- Offering free water testing to Flint residents to assure their drinking water is safe.
- Accelerating an optimization of corrosion controls in the Flint drinking water system.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Accelerating water system improvements to address replacing lead service lines.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Providing water filters to residents with concerns or who are included in state assistance programs.
- Creating a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.
- Expediting the completion of the Karegnondi Water Authority pipeline.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. Additional information is available at www.michigan.gov/flintwater.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, MDHHS is making National Sanitation Foundation certified water filters available to clients who are active Family Independence Program, Food Assistance Program, Child Development and Care or Social Security Insurance recipients.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

###

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Flint water website

Hey team--

DEQ is finishing the Flint water website currently so that it can be live at 1 PM.

Here are screenshots currently of the page. They're still waiting for the final press release to include.

The initial description is from Karen at DEQ. The resources listed are my infographics and lead information from DHHS. There's also information from DHHS regarding the free water filters.

Please let me know what else we need to include and what changes are needed. The website will be www.mi.gov/FlintWater

Thanks

Josh

Flint Drinking Water Action Plan

- Flint Drinking Water Action Plan

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Sign up for email from the DEQ!

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

On Friday, October 2, 2015, Gov. Rick Snyder announced a comprehensive action plan created with state, federal and city leaders to address concerns about Flint drinking water so that residents have access to safe, clean, water now and long into the future. The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

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To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1. You can also email flintwater@...

News Updates

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Flint Drinking Water Resources

Flint Water Action Plan - This ten point plan outlines the steps the State of Michigan is taking on Flint water.

Tips for Flint Residents - Simple steps residents can take to minimize lead in drinking water.

Lead Screening & Testing for Safe, Healthy Kids

Blood Lead Level Quick Reference for Primary Care Providers

Parent Handout - Is Your Child Safe from Lead Poisoning?

Free Water Filters

* Obtaining Free Water Filters

To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* in 25,000 households.
3) Working with United Way, community partners, and corporate sponsors to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

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Wetlands

MiWaters

Permits

Water Management

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Information & Education

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MI HEALTHY CLIMATE PLAN

MI SCORECARD

OPEN MICHIGAN

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Sent: Friday, October 02, 2015 11:38 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Ron Fonger MLive article includes plan

http://www.mlive.com/news/flint/index.ssf/2015/10/state_water_plan_for_flint_inc.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+michigan-news+%28Michigan+News%2C+Updates%2C+Photos%2C+Videos+and+Opinions+-+MLive.com%29&hootPostID=187256a301e56dc0d6b65e2db7b0d71d

Flint River will remain as city water source in state plan to address lead

The city would continue to use the Flint River as its water source, according to a plan expected to unveiled today, Oct. 2, by state officials.

A person with knowledge of the plan said it includes the immediate testing of water in all Flint schools, faucet filters for city residents and expanded testing for lead among city residents.

The plan is being unveiled at a 1:30 p.m. news conference at Kettering University.

The person familiar with the plan said it does not include reconnecting to the Lake Huron water through the Detroit Water and Sewerage Department.

Parts of the plan include:

- Immediately test water at Flint schools at state expense, working with administrators.
- Expand lead exposure testing for individuals.
- Continue offering free water testing to Flint residents at no charge.
- Expedite optimization of corrosion control
- Expediting completion of the Karegnondi Water Authority
- Appointing a Flint Drinking Water Public Health Advisor
- Providing water filters to Flint residents
- Expanding a comprehensive lead education initiative

Today's news conference comes after an avalanche of disastrous news about Flint water and a drastic change in direction among city and state officials, who have defended the safety of city water for months.

Calls for the city to end its use of the Flint River for drinking water increased after a Hurley Medical Center doctor's study showed the number of children in the city with elevated blood levels nearly doubled after the city started using it as a water source in 2014.

State officials initially questioned the data, but Snyder this week acknowledged problems with lead.

The state oversees water quality in Flint, and state-appointed emergency managers were running city government when decisions were made not to negotiate a short-term agreement to continue buying Lake Huron water from Detroit and to instead use the river as a water source.

Although the city is not currently in violation of the Safe Drinking Water Act, bacteria, the level of total trihalomethanes and lead have been problems in the water system since then.

Stay with MLive for more developments on this story.

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 1:05 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water website

The website is now live.

www.mi.gov/FlintWater

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water website

Hey team--

DEQ is finishing the Flint water website currently so that it can be live at 1 PM.

Here are screenshots currently of the page. They're still waiting for the final press release to include.

The initial description is from Karen at DEQ. The resources listed are my infographics and lead information from DHHS. There's also information from DHHS regarding the free water filters.

Please let me know what else we need to include and what changes are needed. The website will be www.mi.gov/FlintWater

Thanks

Josh

Flint Drinking Water Action Plan

- Flint Drinking Water Action Plan

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

On Friday, October 2, 2015, Gov. Rick Snyder announced a comprehensive act created with state, federal and city leaders to address concerns about Flint drinl so that residents have access to safe, clean, water now and long into the future leaving Flint's drinking water system is safe to drink, but some families with lead their homes or service connections could experience higher levels of lead in the comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precauti families with lead plumbing in their homes, and providing long-term solutions to city's water infrastructure challenges. The plan was created at Snyder's directio Michigan Departments of Environmental Quality (DEQ) and Health and Human (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

To get your water tested for free, please call the city of Flint Wate (810) 787-6537 and then press 1. You can also email [redacted]

News Updates

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Lead Screening & Testing for Safe, Healthy Kids

Blood Lead Level Quick Reference for Primary Care Providers

Parent Handout - Is Your Child Safe from Lead Poisoning?

Free Water Filt

- Obtaini

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Wetlands

MiWaters

Permits

Water Management

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Information & Education

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MI HEALTHY CLIMATE PLAN

MI SCORECARD

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Free Water Filters

- Obtaining Free Water Filters

To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* at 25,000 households.
3) Working with United Way, community partners, and corporate sponsors to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

From: GOV Newsroom
Sent: Wednesday, October 21, 2015 10:09 AM
Subject: 10/21 Newsroom
Attachments: 151021 Newsroom.docx

Governor Rick Snyder
REINVENTING MICH
Getting It Right. Getting It Done.

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Wednesday, Oct. 21, 2015
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MDARD
MI Dept. of Agriculture & Rural Development honors its outstanding employees for 2015 (EIN Newsdesk)
Commitment to teamwork, leadership, outstanding customer service and excellence are just a few characteristics describing the winners of the 2015 Michigan Department of Agriculture and Rural Development annual employee awards. Winners are both nominated and selected by their fellow MDARD colleagues. "MDARD employees are constantly looking for ways to grow and expand Michigan's food and agriculture businesses while providing the best possible customer service," said Clover Adams. "These awards offer an opportunity to say 'thank you' to staff for their innovation, dedication, and excellence."

Reflections of the 2016 Michigan poultry show ban in 4-H youth programs (MSU Extension)
This has been a challenging year for the over 4,000 Michigan 4-H youth who participate in a poultry 4-H project. On June 1, 2015, the Michigan Department of Agriculture and Rural Development announced that a ban on poultry shows and swaps was to be immediately enacted in response to a growing concern about highly pathogenic avian influenza entering the state. Michigan is home to a very large poultry industry, with large scale poultry operations spread across the state. Highly pathogenic avian influenza would be absolutely devastating if it were to affect the Michigan poultry industry.

MEDC
M-134 designated first new Pure Michigan Byway (Sault Ste. Marie Evening News)
The Pure Michigan campaign hit the road Friday, as a 50-mile stretch of Upper Peninsula highway was officially designated the first new Pure Michigan Byway.

Scenic M-134 designated as state's first Pure Michigan byway (St. Ignace News)
"We're going to get a lot of mileage out of this," said Jeff Hagan about the new designation of M-134 as the North Huron Byway. Mr. Hagan, of the Eastern Upper Peninsula Regional Planning and Development Commission, was part of a panel in Cedarville convened to promote the designation of the road Friday, October 16.

Michigan International Speedway announces new title sponsor for June race (WXYZ)
Michigan International Speedway announced a new three-year sponsorship for the June NASCAR Sprint Cup Series Race on Tuesday.

Firekeepers Casino replaces Quicken Loans in 2016 as NASCAR race title sponsor at MIS (Crains)
Battle Creek-based FireKeepers Casino Hotel has replaced Quicken Loans Inc. as title sponsor of the June NASCAR Sprint Cup race at Michigan International Speedway.

MSP
Troopers handle 7 car vs. deer crashes in 2 days (MLive)
The Michigan State Police Jackson Post provided the following report Tuesday morning, Oct. 20.

MSP crack down on distracted driving (C&G)
Drivers with their heads in the clouds may have met with the law recently.

Michigan State Police conduct sex offender sweep (ABC 10)
Michigan State Police troopers from the Negaunee Post have completed a sex offender sweep of 198 residences in Marquette County.

New forms help police track distracted driving mishaps (WOOD TV)
We all hear about the serious crashes involving distracted drivers.

Pilot program seeks to reduce illegal passing in Michigan (School Transportation News)
A pilot program intended to reduce the illegal passing of stopped school buses through the use of enhanced lights called the Driver Alert System (DAS) started Monday in Michigan at 10 school districts throughout the state.

LEGISLATIVE NEWS

Senate leader calls for vote on 'last, best' roads deal for Michigan (AP)
The leader of the Michigan Senate called Tuesday for votes on a "last, best" $1.2 billion road-funding plan he said legislative leaders had agreed to before talks stalled last week, saying his Republican counterpart in the House should send the legislation to a conference committee.

Senate calls for fast action on deal to fix state roads (Lansing State Journal)
Instead of cooling off, talks on a fix for Michigan's crumbling roads and bridges heated up on Tuesday when Senate Majority Leader Arlan Meekhof, R-West Olive, challenged the House of Representatives to put up the proposed deal for a vote.

Two state senators publicly debate road funding plans (WLNS)
Two senators gave the public a taste of where lawmakers stand when it comes to fixing Michigan's roads.

Hoadley: Work should resume on Michigan roads package by this week (WTVB)
Rep. Jon Hoadley of Kalamazoo expects discussions to restart this week on a funding package to fix Michigan's crumbling roads.

Michigan teacher evaluation bill heads to Snyder after final approval in Senate (MLive)
The Michigan Senate on Tuesday gave final approval to legislation that would create a new framework for teacher evaluations, replacing statewide rules that were set to take effect this school year.

Bill to set new standards for teacher evaluations (Detroit Free Press)
A bill setting new standards for teacher evaluations is on its way to Gov. Rick Snyder for his signature after the Senate gave final passage to the bill Tuesday morning.

DETROIT

Feds look at bank records in EAA, DPS corruption probe (The Detroit News)
The FBI and Justice Department subpoenaed personnel files and bank records or email account information for more than a dozen current and former officials at Gov. Rick Snyder's K-12 Detroit reform district as part of a wide-ranging corruption investigation, The Detroit News has learned.

Top officials, bank records focus of school probe (Detroit Free Press)
A sweeping federal corruption probe of the Education Achievement Authority began more than 16 months ago and is focused on current and former top officials as well vendor payments, documents show.

US DOJ, FBI investigate education achievement authority, Detroit Public Schools for corruption (International Business

Times)
The U.S. Department of Justice and the FBI have sent subpoenas to get personnel files and bank records or email accounts of over a dozen current and former officials at Michigan Gov. Rick Snyder's K-12 reform district to investigate corruption allegations, according to a report Tuesday. The subpoenas come amid an investigation to probe whether officials from the Education Achievement Authority (EAA) and Detroit Public Schools (DPS) -- both created by Snyder -- received bribes from contractors.

Former American Motors Corp site sells for $600 (The Detroit News)
The former headquarters of American Motors Corp. sold Tuesday afternoon for a lone $600 bid in the county's tax foreclosure auction. The massive complex was a hub of Detroit innovation for more than eight decades, but became a dumping ground in just three years, according to a 2013 Detroit News article that highlighted its plight.

Land bank to sell properties to occupants for $1,000 (The Detroit News)
The Detroit Land Bank has become an unintended landlord, with about 4,500 of its properties estimated to have people living in them. Sometimes it's a former owner who lost the home to foreclosure. Others were renters who were left hanging when their landlords walked away. And still more are squatters who have taken over the vacant homes for their own. On Tuesday, the land bank finalized a pilot program to start selling the homes to those occupying them for $1,000 each.

Major development aims to reclaim state's eastern shore in Detroit (MLive)
Tuesday marked the official ground breaking at Orleans Landing, a $65-million mixed-use development covering about four square blocks on Detroit's east riverfront. It will bring around 270 market-rate apartments and 10,000-square-feet of retail space to a plot of land just a stone's throw from the Detroit river, an area that not long ago was completely taken up by industry and cement silos, according to speakers at Tuesday's ground breaking ceremony.

OPINION
Snyder gets the Boehner treatment (Detroit Free Press)
He doesn't cry in public or smoke in private, and he has no intention of resigning before the end of his current term. But in other ways, Rick Snyder is looking more and more like Michigan's version of John Boehner — and Snyder's second term looks increasingly like the political nightmare the outgoing speaker of the House is leaving behind.

Flint water crisis exposes Michigan's infrastructure funding problem (MLive)
It was great to see the Michigan Legislature come together and put politics aside as they voted unanimously in finding a resolution to the recent Flint drinking water crisis.

Snyder's lead-in-the-water crisis harks back to Milliken's trial by PBBs (MLive)
It seems every governor is tested at some point on issues he or she can't control. It's the kind of stuff that comes out of left field, and they don't prepare you for it in governor school.

Right to Work lawmakers impose their own 'union dues' (MLive)
When Republican legislators pushed through a contentious Right To Work law two years ago, they said they were freeing unionized workers from a system that "confiscated" a portion of employee paychecks through union dues.

Snyder's plan to fix Detroit's schools will fall on deaf legislative ears (Michigan Radio)
Governor Rick Snyder yesterday unveiled his new plan to fix Detroit Public Schools. Actually, it is a variation on one he put forth in April. Like that plan, it seems heavily based on the model General Motors adopted to emerge from bankruptcy.

Editorial: Fight poverty by curbing teen pregnancy (Detroit News)
Programs to reduce teen pregnancy in Michigan appear to be paying off with a lower rate of expectant teenagers, and that should pay off in a future drop in poverty. Initiatives that work should be supported and expanded.

Heise: Presumptive parole is safe, smart justice (Detroit News)
By now, you've probably read or heard about the notion of presumptive parole, a proposed reform that would give parole boards the directive to — under their supervision and control — grant minimum-sentence parole to low-danger individuals who meet a series of comprehensive requirements for release.

Editor's note: Minimum sentence bill not dangerous (Detroit News)
The law and order crowd is mounting an all-out effort to sink a common sense prison reform bill, fanning fears that it would release dangerous criminals on the streets.

Letter: DPS should focus on attracting teachers (Detroit News)
Year after year we read about appointments of high level administrators who too often are corrupt or incompetent and about attempts to restructure and reorganize the administrative set-up of the DPS. How come we seldom, if ever, hear about efforts to attract the best and brightest teachers to Detroit schools.

#####

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REINVENTING MICHIGAN
Getting It Right. Getting It Done.

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MI Dept. of Agriculture & Rural Development honors its outstanding employees for 2015 (EIN Newsdesk)

Commitment to teamwork, leadership, outstanding customer service and excellence are just a few characteristics describing the winners of the 2015 Michigan Department of Agriculture and Rural Development annual employee awards. Winners are both nominated and selected by their fellow MDARD colleagues. "MDARD employees are constantly looking for ways to grow and expand Michigan's food and agriculture businesses while providing the best possible customer service," said Clover Adams. "These awards offer an opportunity to say 'thank you' to staff for their innovation, dedication, and excellence."

Reflections of the 2016 Michigan poultry show ban in 4-H youth programs (MSU Extension)
This has been a challenging year for the over 4,000 Michigan 4-H youth who participate in a poultry 4-H project. On June 1, 2015, the Michigan Department of Agriculture and Rural Development announced that a ban on poultry shows and swaps was to be immediately enacted in response to a growing concern about highly pathogenic avian influenza entering the state. Michigan is home to a very large poultry industry, with large scale poultry operations spread across the state. Highly pathogenic avian influenza would be absolutely devastating if it were to affect the Michigan poultry industry.

MEDC
M-134 designated first new Pure Michigan Byway (Sault Ste. Marie Evening News)
The Pure Michigan campaign hit the road Friday, as a 50-mile stretch of Upper Peninsula highway was officially designated the first new Pure Michigan Byway.

Scenic M-134 designated as state's first Pure Michigan byway (St. Ignace News)
"We're going to get a lot of mileage out of this," said Jeff Hagan about the new designation of M-134 as the North Huron Byway. Mr. Hagan, of the Eastern Upper Peninsula Regional Planning and Development Commission, was part of a panel in Cedarville convened to promote the designation of the road Friday, October 16.

Michigan International Speedway announces new title sponsor for June race (WXYZ)
Michigan International Speedway announced a new three-year sponsorship for the June NASCAR Sprint Cup Series Race on Tuesday.

Firekeepers Casino replaces Quicken Loans in 2016 as NASCAR race title sponsor at MIS (Crains)
Battle Creek-based FireKeepers Casino Hotel has replaced Quicken Loans Inc. as title sponsor of the June NASCAR Sprint Cup race at Michigan International Speedway.

MSP
Troopers handle 7 car vs. deer crashes in 2 days (MLive)
The Michigan State Police Jackson Post provided the following report Tuesday morning, Oct. 20.

MSP crack down on distracted driving (C&G)
Drivers with their heads in the clouds may have met with the law recently.

Michigan State Police conduct sex offender sweep (ABC 10)
Michigan State Police troopers from the Negaunee Post have completed a sex offender sweep of 198 residences in Marquette County.

New forms help police track distracted driving mishaps (WOOD TV)
We all hear about the serious crashes involving distracted drivers.

Pilot program seeks to reduce illegal passing in Michigan (School Transportation News)
A pilot program intended to reduce the illegal passing of stopped school buses through the use of enhanced lights called the Driver Alert System (DAS) started Monday in Michigan at 10 school districts throughout the state.

LEGISLATIVE NEWS

Senate leader calls for vote on 'last, best' roads deal for Michigan (AP)
The leader of the Michigan Senate called Tuesday for votes on a "last, best" $1.2 billion road-funding plan he said legislative leaders had agreed to before talks stalled last week, saying his Republican counterpart in the House should send the legislation to a conference committee.

Senate calls for fast action on deal to fix state roads (Lansing State Journal)
Instead of cooling off, talks on a fix for Michigan's crumbling roads and bridges heated up on Tuesday when Senate Majority Leader Arlan Meekhof, R-West Olive, challenged the House of Representatives to put up the proposed deal for a vote.

Two state senators publicly debate road funding plans (WLNS)
Two senators gave the public a taste of where lawmakers stand when it comes to fixing Michigan's roads.

Hoadley: Work should resume on Michigan roads package by this week (WTVB)
Rep. Jon Hoadley of Kalamazoo expects discussions to restart this week on a funding package to fix Michigan's crumbling roads.

Michigan teacher evaluation bill heads to Snyder after final approval in Senate (MLive)
The Michigan Senate on Tuesday gave final approval to legislation that would create a new framework for teacher evaluations, replacing statewide rules that were set to take effect this school year.

Bill to set new standards for teacher evaluations (Detroit Free Press)
A bill setting new standards for teacher evaluations is on its way to Gov. Rick Snyder for his signature after the Senate gave final passage to the bill Tuesday morning.

DETROIT

Feds look at bank records in EAA, DPS corruption probe (The Detroit News)

The FBI and Justice Department subpoenaed personnel files and bank records or email account information for more than a dozen current and former officials at Gov. Rick Snyder's K-12 Detroit reform district as part of a wide-ranging corruption investigation, The Detroit News has learned.

Top officials, bank records focus of school probe (Detroit Free Press)
A sweeping federal corruption probe of the Education Achievement Authority began more than 16 months ago and is focused on current and former top officials as well vendor payments, documents show.

US DOJ, FBI investigate education achievement authority, Detroit Public Schools for corruption (International Business Times)
The U.S. Department of Justice and the FBI have sent subpoenas to get personnel files and bank records or email accounts of over a dozen current and former officials at Michigan Gov. Rick Snyder's K-12 reform district to investigate corruption allegations, according to a report Tuesday. The subpoenas come amid an investigation to probe whether officials from the Education Achievement Authority (EAA) and Detroit Public Schools (DPS) -- both created by Snyder -- received bribes from contractors.

Former American Motors Corp site sells for $600 (The Detroit News)
The former headquarters of American Motors Corp. sold Tuesday afternoon for a lone $600 bid in the county's tax foreclosure auction. The massive complex was a hub of Detroit innovation for more than eight decades, but became a dumping ground in just three years, according to a 2013 Detroit News article that highlighted its plight.

Land bank to sell properties to occupants for $1,000 (The Detroit News)
The Detroit Land Bank has become an unintended landlord, with about 4,500 of its properties estimated to have people living in them. Sometimes it's a former owner who lost the home to foreclosure. Others were renters who were left hanging when their landlords walked away. And still more are squatters who have taken over the vacant homes for their own. On Tuesday, the land bank finalized a pilot program to start selling the homes to those occupying them for $1,000 each.

Major development aims to reclaim state's eastern shore in Detroit (MLive)
Tuesday marked the official ground breaking at Orleans Landing, a $65-million mixed-use development covering about four square blocks on Detroit's east riverfront. It will bring around 270 market-rate apartments and 10,000-square-feet of retail space to a plot of land just a stone's throw from the Detroit river, an area that not long ago was completely taken up by industry and cement silos, according to speakers at Tuesday's ground breaking ceremony.

OPINION

Snyder gets the Boehner treatment (Detroit Free Press)
He doesn't cry in public or smoke in private, and he has no intention of resigning before the end of his current term. But in other ways, Rick Snyder is looking more and more like Michigan's version of John

Boehner — and Snyder's second term looks increasingly like the political nightmare the outgoing speaker of the House is leaving behind.

Flint water crisis exposes Michigan's infrastructure funding problem (MLive)
It was great to see the Michigan Legislature come together and put politics aside as they voted unanimously in finding a resolution to the recent Flint drinking water crisis.

Snyder's lead-in-the-water crisis harks back to Milliken's trial by PBBs (MLive)
It seems every governor is tested at some point on issues he or she can't control. It's the kind of stuff that comes out of left field, and they don't prepare you for it in governor school.

Right to Work lawmakers impose their own 'union dues' (MLive)
When Republican legislators pushed through a contentious Right To Work law two years ago, they said they were freeing unionized workers from a system that "confiscated" a portion of employee paychecks through union dues.

Snyder's plan to fix Detroit's schools will fall on deaf legislative ears (Michigan Radio)
Governor Rick Snyder yesterday unveiled his new plan to fix Detroit Public Schools. Actually, it is a variation on one he put forth in April. Like that plan, it seems heavily based on the model General Motors adopted to emerge from bankruptcy.

Editorial: Fight poverty by curbing teen pregnancy (Detroit News)
Programs to reduce teen pregnancy in Michigan appear to be paying off with a lower rate of expectant teenagers, and that should pay off in a future drop in poverty. Initiatives that work should be supported and expanded.

Heise: Presumptive parole is safe, smart justice (Detroit News)
By now, you've probably read or heard about the notion of presumptive parole, a proposed reform that would give parole boards the directive to — under their supervision and control — grant minimum-sentence parole to low-danger individuals who meet a series of comprehensive requirements for release.

Editor's note: Minimum sentence bill not dangerous (Detroit News)
The law and order crowd is mounting an all-out effort to sink a common sense prison reform bill, fanning fears that it would release dangerous criminals on the streets.

Letter: DPS should focus on attracting teachers (Detroit News)
Year after year we read about appointments of high level administrators who too often are corrupt or incompetent and about attempts to restructure and reorganize the administrative set-up of the DPS. How come we seldom, if ever, hear about efforts to attract the best and brightest teachers to Detroit schools.

#####

From: GOV Newsroom
Sent: Wednesday, November 18, 2015 10:20 AM
To: GOV Newsroom
Subject: 11/18 Newsroom
Attachments: 151118 Newsroom.docx

Governor Rick Snyder
REINVENTING MICH
Getting It Right. Getting It Done.

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From: Smith, Paul (GOV)
Sent: Thursday, October 01, 2015 7:20 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Fwd: City of Flint-Water Issue Update

FYI

Sent from my iPad

Begin forwarded message:

> **From:** "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
> **Date:** October 1, 2015 at 7:16:53 PM EDT
> **To:** "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Sands, Thomas (MSP)" <SandsT@michigan.gov>, "Smith, Paul (GOV)" <SmithP29@michigan.gov>
> **Cc:** "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
> **Subject: Fwd: City of Flint-Water Issue Update**
>
> FYSA
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
> > **Date:** October 1, 2015 at 5:02:59 PM EDT
> > **To:** "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
> > **Cc:** "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Covey, Gabriel (MSP)" <coveyg@michigan.gov>, "Leix, Ron (MSP)" <LeixR@michigan.gov>
> > **Subject: City of Flint-Water Issue Update**
> >
> > The latest from Lt Roach...
> >
> > The County Health Department is expecting to receive 4,000 filters sometime tonight. The filters were secured through the United Way and are being trucked in (cost appox $80,000). Lt Roach was unable to determine where they are being brought in from. They are hoping to get $40,000 more in donations to buy more. The Health Department plans to distribute filters tomorrow at 1:00 pm at UM Flint. The recipients will also be taught how to use filters. Lt Roach was told there are approximately 15,000 homes in the city of Flint with corrosive distribution pipes. The city water department has a list of the homes with details, but information is on paper index cards, not in a database or spreadsheet. They would have to manually sort through cards, so this approach is not practical. The current plan is to distribute filters by priorities being similar to those used during H1N1: pregnant women, women breast feeding/bottle feeding, residences with and children under 5 years. All must be City of Flint residents; credentials will be

checked to make sure they are residents and qualify. A WIC list may be utilized along with a current list of residences on the lead program The Health Department hopes to accomplish work with 15-20 employees and possibly another 20 volunteers. They plan to distribute using two car lanes to avoid having recipients exit cars.

No state resources have been requested.

From: Smith, Paul (GOV)
Sent: Wednesday, October 14, 2015 5:28 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: 10/13/2015 Flint Water Update

Are you guys getting all of the Flint water updates you need? Do you want the MSP updates?

Begin forwarded message:

From: "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
Date: October 14, 2015 at 5:23:09 PM EDT
To: "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Sands, Thomas (MSP)" <SandsT@michigan.gov>, "Smith, Paul (GOV)" <SmithP29@michigan.gov>
Cc: "Kapp, Gene (MSP)" <KappG@michigan.gov>, "Kanicki, Bonnie (MSP)" <KanickiB@michigan.gov>, "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
Subject: 10/13/2015 Flint Water Update

FYSA - The below is from the 3 p.m. Conference Call yesterday with MDHHS and Genesee County Health Department on the Flint Water issue.

GCHD Update:
Central Point of Communication/Coordination

- The United Way held a meeting with community partners today and the GCHD announced it would be acting as the communication hub.
- GCHD is working with the United Way to create a dissemination list for updates.
- The School Board President has been joining the meetings at the United Way and discussions with contacts at private and charter schools are occurring to supply them with filters.
- GCHD advised that they will proceed with a daily briefing at 4:00PM.

Filter Tracking System

- GCHD and Kris Schoenow (MDHHS) are working to expand the cloud-based database to include all needed information so that one database can be used to track filter distribution.
- It is important that the database track the types of filters provided since replacement filters need to be distributed to these families in a couple of months.
- The database will be used to cross reference the list of kids with elevated blood levels to ensure these households receive filters.

MDHHS Update:
Protocol for Identifying and Prioritizing Children that Require Testing and Case Management

- 151 children from all Flint zip codes have been identified with previous blood lead levels of 5 or over since April, 2014.
- 85% of the children are Hurley patients. 92% of the children receive Medicaid.
- 75 of the children need venous draws; 76 need venous retesting.
- Eden Wells, Rashmi Travis, Nancy Peeler, Toni LaRocco (GCHD) and Dr. Gary Johnson (GCHD) will work together to develop the testing and case management protocols.

- Possible completion date of protocol by October 14th.
- U of M Flint, and McLaren Health are interested in assisting with capillary lead testing. Public health students can also assist as needed.
- Training may be needed on the protocols and data reporting.
- There was discussion about parental requests to test older children. The risk based protocol will be customized given the situation.
- The environmental assessment protocol is currently available on the MDHHS website.

Funding

- Still awaiting approval of the supplemental funding request.

Communication

- There was discussion about communication/engagement with providers.
- Geralyn is working on a list of providers and partners list.
- She will work with Hilda on the dissemination of information to the appropriate groups and the community.
- The new lead toolkit has been completed and was sent to Mark today via links.
- An FAQ document has been created and is awaiting approval. An infographic also is in development.
    - Once approved, both the infographic and FAQ will be sent to Mark and posted to the site.

NEXT STEPS/ACTION ITEMS

- Completion of the testing and case management protocol
- Continue daily state-local update calls
- Send FAQ to Mark Valacak once it has been approved by MDHHS Communications

Completion of changes to the filter distribution database.

Chris

From: Smith, Paul (GOV)
Sent: Tuesday, November 24, 2015 5:43 PM
To: Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: Genesee/Flint Emergency Management Contacts

The emergency management coordinator for Genesee County is Ms. Jen Boyer, who reports to Sheriff Pickell. Ms. Boyer's contact information follows:

Office - 810-424-4403
Cell PPI
Email - jboyer@co.genesee.mi.us

Regarding the City of Flint, the city is required to maintain a Support Emergency Operations Plan, which is current. MSP does not have a copy available, but the District Coordinator believes the representative for the city is the mayor.

Paul

From: PPI <petitions@moveon.org>
Sent: Thursday, December 31, 2015 10:58 AM
To: Snyder, Rick (GOV)
Subject: 70 signers: Tell Michigan Governor, Rick Snyder, to declare a state of emergency! petition

Dear Governor Rick Snyder,

I started a petition to you titled *Tell Michigan Governor, Rick Snyder, to declare a state of emergency!*. So far, the petition has 70 total signers, **49 of whom are constituents of yours**.

You can post a response for us to pass along to all of your constituents who have signed the petition by clicking here: http://petitions.moveon.org/target_talkback.html?tt=tt-104227-governor-MI-20251231-fHzMtC

The petition states:

> "A state-appointed emergency manager opted to sever a contract with the Detroit Water and Sewerage Department (DWSD), and Flint started sourcing corrosive water from the Flint River. As a result, Flint residents suffered through a number of catastrophic water quality issues — coliform bacteria, cancer-causing trihalomethanes and lead — before the state agreed to switch back to DWSD water Governor Snyder must own his administration's negligent role in this public health crisis and declare a state of emergency. Flint residents need YOUR support. Sign your name NOW."

To download a PDF file of all your constituents who have signed the petition, including their addresses, click this link: http://petitions.moveon.org/deliver_pdf.html?job_id=1697473&target_type=governor&target_id=MI

To download a CSV file of all of your constituents who have signed the petition, including their addresses, click this link:
http://petitions.moveon.org/deliver_pdf.html?job_id=1697473&target_type=governor&target_id=MI&csv=1

Thank you.

-PPI

If you have any other questions, please email petitions@moveon.org.

The links to download the petition as a PDF and to respond to all of your constituents will remain available for the next 14 days.

This email was sent through MoveOn's petition website, a free service that allows anyone to set up their own online petition and share it with friends. MoveOn does not endorse the contents of petitions posted on our public petition website.

From: Snyder, PPI
Sent: Monday, November 02, 2015 10:13 PM
To: Roberts, John (DTMB)
Cc: Snyder, PPI
Subject: Preliminary budget review
Attachments: Statewide F17 Requests G1 151102.xlsx

Please see the attached. Let's discuss.

Thanks
Rick

Not Responsive

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Not Responsive

145				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)		
146							
147							
148		Agency	Investment Request		GF/GP	SAF	
149		Redacted					
150	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0		
151							
152							
153							
154							

Not Responsive

Not Responsive

		ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)
145											
146											
147											
148	Gross	GF/GP	SAF	Gross				GF/GP	SAF	Gross	GF/GP
149	Redacted										
150	$0.0	$300.0		$300.0	2 of 4	High; explore use of restricted revenues		$0.0		$0.0	$300.0

Not Responsive

Not Responsive

145			148	SAF	Redacted	
146						
147						
				Gross		$300.0
						150

Not Responsive

Not Responsive

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From: Roberts, John (DTMB)
Sent: Monday, December 14, 2015 5:20 PM
To: Snyder; PPI
Cc: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Duncan, Nancy (DTMB)
Subject: FY15 Unaudited Bookclosing Revenues and Expenditure Lapses
Attachments: Statewide F17 Requests_2015-12-14.xlsx; Governor's Materials 12.14.15.pdf

Importance: High

Governor,

Please find attached:

1. Not Responsive

   Virtually all of the GF FY16 supplemental needs and FY17 baseline needs are attributable to DHHS, which we will discuss with you tomorrow.

2. Not Responsive

3. Not Responsive

I look forward to talking with you about this at our meeting on Thursday.

John

Not Responsive

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Not Responsive

149				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)
150					
151					
152		**Agency**	**Investment Request**		**GF/GP**
153	54	Environmental Quality	Drinking Water Revolving Fund Loan Program - provide 20% state match to obtain available federal grants	no	$2,950.0
154	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0
155					
156					

Not Responsive

Not Responsive

149			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)	
150										
151										
152	SAF	Gross	GF/GP	SAF	Gross				GF/GP	
153	Restricted									
154		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0	
155	Not Responsive									
156										

Not Responsive

149			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
150					
151					
152	SAF	Gross	GF/GP	SAF	Gross
153	Redacted				
154		$0.0	$300.0		$300.0
155	Not Responsive				
156					

Not Responsive

Budget Overview

December 14, 2015

Balance Sheets **2**

Investment Reduction List **4**

Proposal to Balance **40**

Fiscal Year 2017 and 2018 Budget Development

GENERAL FUND/GENERAL PURPOSE

Fiscal Year 2015 through Fiscal Year 2018

($ in millions)

	FY 2015 Estimated	FY 2016 Enacted	FY 2017 Planning	FY 2018 Planning

Not Responsive

FY2017 INVESTMENT REQUESTS AND REDUCTION PROPOSALS

Updated 14-Dec-15

changes from previous report

Not Responsive

	Agency	Investment Request	IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands) GF/GP	ONGOING AGENCY REQUEST ($ in Thousands) SAF	ONGOING AGENCY REQUEST ($ in Thousands) Gross	ONE-TIME AGENCY REQUEST ($ in Thousands) GF/GP	ONE-TIME AGENCY REQUEST ($ in Thousands) SAF	ONE-TIME AGENCY REQUEST ($ in Thousands) Gross	Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands) GF/GP	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands) SAF	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands) Gross	GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands) GF/GP	GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands) SAF	GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands) Gross
54	Not Responsive																	
55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0		$0.0	$300.0		$300.0	2 of 4	High: restricted revenues not available		$0.0		$0.0	$300.0		$300.0
56	Not Responsive																	
57																		
58																		

Not Responsive

From: Roberts, John (DTMB)
Sent: Wednesday, December 16, 2015 8:00 PM
To: Snyder PPI
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Scott, Allison (GOV); Duncan, Nancy (DTMB)
Subject: Updated Investment/Reduction List
Attachments: Statewide F17 Requests_2015-12-16.xlsx; ATT00001.txt

Not Responsive

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Not Responsive

Not Responsive

149				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)
150					
151					
152		**Agency**	**Investment Request**		**GF/GP**
153		[redacted]			
154	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0
155		Not Responsive			
156					

Not Responsive

149			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)
150									
151									
152	SAF	Gross	GF/GP	SAF	Gross				GF/GP
153					Redacted				
154		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0
155					Not Responsive				
156									

Not Responsive

149			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
150					
151					
152	SAF	Gross	GF/GP	SAF	Gross
153	Redacted				
154		$0.0	$300.0		$300.0
155	Not Responsive				
156					

Not Responsive

From: Snyder, PPI
Sent: Wednesday, December 16, 2015 10:36 PM
To: Snyder, PPI
Subject: Budget investments update attached
Attachments: Statewide F17 Requests_2015-12-16 RS edits.xlsx

	A	B	C	D	E	F	G	H
1	**FY 2017 BUDGET DEVELOPMENT**							
2	**INVESTMENT REQUESTS AND REDUCTION PROPOSALS**							
3	(amounts in thousands)							
4								
5		**Investment Requests**						
6		**Ongoing Funding**			**One-Time Funding**			
7		**GF/GP**	**SAF**	**Gross**	**GF/GP**	**SAF**	**Gross**	

Not Responsive

Not Responsive

149				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)
150					
151					
152		**Agency**	**Investment Request**		**GF/GP**
153		Redacted			
154	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0
155		Not Responsive			
156					

Not Responsive

149			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)	
150										
151										
152	SAF	Gross	GF/GP	SAF	Gross				GF/GP	
153	Redacted									
154		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0	
155	Not Responsive									
156										

Not Responsive

149			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
150					
151					
152	SAF	Gross	GF/GP	SAF	Gross
153	Redacted				
154		$0.0	$300.0		$300.0

Not Responsive

Not Responsive

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From: Snyder PPI
Sent: Thursday, December 17, 2015 11:59 AM
To: Calley PPI Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Scott, Allison (GOV)
Subject: COS items

Here are some COS items to cover:

Not Responsive

Current priority projects:

1. Not Responsive
2. Flint Water
3. Not Responsive
4.
5.
6.
7.
8.

SOS related:

1. Not Responsive
2.
3.

Thanks
Rick

From: Roberts, John (DTMB)
Sent: Friday, December 18, 2015 8:19 PM
To: Snyder, PPI
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Scott, Allison (GOV); Duncan, Nancy (DTMB)
Subject: Updated Investment Spreadsheets
Attachments: Statewide F17 Requests_2015-12-18.pdf; Statewide F17 Requests_2015-12-18.xlsx; ATT00001.txt

Governor –

Attached is an updated version of the investment/reduction list. We have modified the list to reflect the directions that you gave us this week. Changes from the prior version are highlighted in green.

Not Responsive

As usual, I have attached the files in PDF and Excel. Let me know if you have any questions or concerns.

John

Not Responsive

FY2017 INVESTMENT REQUESTS AND REDUCTION PROPOSALS

Updated 18-Dec-15

Strawman
Strawman - one-time FY17, ongoing in FY18
Changes for 12/18/15

Ongoing	$91,600.0	Available GF & SAF Revenue	$669,100.0	One-time															
	($20,629.5)	Remaining after Gov Dec	$37,213.1																
		Total Difference (Ongoing + One-Time)	$16,583.6																

	Agency	Investment Request	IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
				GF/GP	SAF	Gross	GF/GP	SAF	Gross				GF/GP	SAF	Gross	GF/GP	SAF	Gross
54	Not Responsive																	
55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0		$0.0	$300.0		$300.0
56	Not Responsive																	
57																		
58																		

Not Responsive

	A	B	C	D	E	F	G	H
1	**FY 2017 BUDGET DEVELOPMENT**							
2	**INVESTMENT REQUESTS AND REDUCTION PROPOSALS**							
3	(amounts in thousands)							
4								
5		**Investment Requests**						
6		**Ongoing Funding**			**One-Time Funding**			
7		**GF/GP**	**SAF**	**Gross**	**GF/GP**	**SAF**	**Gross**	

Not Responsive

Not Responsive

151				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)
152					
153					
154		Agency	Investment Request		GF/GP
155		Redacted			
156	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0
157		Redacted			

Not Responsive

151			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)	
152										
153										
154	SAF	Gross	GF/GP	SAF	Gross				GF/GP	
155	Redacted									
156		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0	
157	Redacted									

Not Responsive

151			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
152					
153					
154	SAF	Gross	GF/GP	SAF	Gross
155	Redacted				
156		$0.0	$300.0		$300.0
157	Redacted				

Not Responsive

Printed: <<AUTODATE >> <<AUTODATE >>

From: Snyder, PPI
Sent: Monday, December 21, 2015 9:28 AM
To: Roberts, John (DTMB); Duncan, Nancy (DTMB)
Cc: Scott, Allison (GOV); Snyder, PPI
Subject: Updated budget worksheet attached
Attachments: Statewide F17 Requests_2015-12-19 Gov edits.xlsx

Not Responsive

Thanks
Rick

	A	B	C	D	E	F	G	H
1	**FY 2017 BUDGET DEVELOPMENT**							
2	**INVESTMENT REQUESTS AND REDUCTION PROPOSALS**							
3	(amounts in thousands)							
4								
5		**Investment Requests**						
6		**Ongoing Funding**			**One-Time Funding**			
7		**GF/GP**	**SAF**	**Gross**	**GF/GP**	**SAF**	**Gross**	

Not Responsive

Not Responsive

151				IT Related (yes or no)	ONGOING AGENCY REQUEST ($ in Thousands)
152					
153					
154		Agency	Investment Request		GF/GP
155		Redacted			
156	55	Environmental Quality	Flint Water Issues (pass through funding to Genesee County Health Department for water testing and monitoring as well as funding for a Flint Action Plan Coordinator)	no	$0.0
157		Redacted			

Not Responsive

151			ONE-TIME AGENCY REQUEST ($ in Thousands)			Agency Priority	SBO Preliminary Recommend	Governor Priority	GOVERNOR'S RECOMMEND ONGOING ($ in Thousands)	
152										
153										
154	SAF	Gross	GF/GP	SAF	Gross				GF/GP	
155	Redacted									
156		$0.0	$300.0		$300.0	2 of 4	High; restricted revenues not available		$0.0	
157	Redacted									

Not Responsive

151			GOVERNOR'S RECOMMEND ONE-TIME ($ in Thousands)		
152					
153					
154	SAF	Gross	GF/GP	SAF	Gross
155	Redacted				
156		$0.0	$300.0		$300.0

Redacted

Not Responsive

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 31, 2012 12:34 PM
To: Snyder, PPI
Cc: Muchmore, Dennis (GOV); Roberts, John (GOV); Scott, Allison (GOV); Lasher, Geralyn (GOV); Silfven, Ken (GOV)
Subject: FW: Genesee Co water supply project TODAY's FLINT JOURNAL
Attachments: Genesee County Water issue.doc; Flint Emergency Manager Michael Brown says selling city water and sewer systems cant be ruled out.docx

Importance: High

Governor --

Just wanted you to be aware of a potential issue -- Genesee Co. water supply -- that you may get asked about today from Flint media.

Recent news articles below and one attached from earlier this year that talks about then Emergency Manager's Mike Brown's comments. Also, attached is brief history and timeline from DEQ and a quick summary below from Treasury as they'll be meeting with Flint and Detroit officials tomorrow.

Bottom line: this has been an ongoing issue and sets up potential conflict between these two communities. Many Flint and Genesee Co. officials say it will save the city and region much money; Detroit says it won't be cost-effective and is very much opposed. Treasury will be getting the details tomorrow of the proposed pipeline plan and doesn't have an opinion yet. Because of the EM situation and particulars, it requires state approval for Flint to participate. Without Flint's participation, rest of area likely can't cover. Though sounds like EM Kurtz is now leaning toward moving in the pipeline direction. Treasury recommends a very high level response at this time. We agree.

Please let us know if there's anything else you may need or want on this front.

Officials from Flint, Genesee County, Detroit to meet with state treasury on region's water future, officials say (Oct. 31)
http://www.mlive.com/news/flint/index.ssf/2012/10/officials_from_genesee_county.html

Building an intake is one of four giant steps toward building water pipeline (Oct. 28)
http://www.mlive.com/news/flint/index.ssf/2012/10/pipeline_timeline_heres_what_t.html

Genesee County approves borrowing $35 million to build Lake Huron water pipeline intake
http://www.mlive.com/news/flint/index.ssf/2012/10/genesee_county_puts_up_35_mill.html

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From: Buhs, Caleb (Treasury)
Sent: Wednesday, October 31, 2012 11:46 AM
To: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury)
Subject: RE: Genesee Co water supply project TODAY's FLINT JOURNAL

The article is correct, we will be meeting with both proponents and opponents of the potential pipeline project. There isn't much to say at this point, Treasury does not have an opinion yet, as we will be getting the full briefing tomorrow.

Here is what we know:

-A group is proposing a water pipeline from Lake Huron to the Flint Metro area, which would eliminate the need to purchase water from Detroit Water and Sewer Department (DWSD).

-The design and cost estimates have yet to be completed.

-The City of Flint has contributed about $25-30k towards the costs of the studies.

-DWSD is opposed to the plan for the obvious reason that they would lose customers. DWSD officials have pointed out that a study was done in the 90's that concluded that a project of this nature would not be cost effective.

-This would allow Flint to control their own water costs and quality and provide opportunities for industrial growth.

Since Treasury officials have not been briefed on all the information yet, I would keep the statement from the Governor rather high-level, something like:

Treasury officials are meeting tomorrow to get the details of the proposed pipeline plan. Until the ultimate costs are known and the various studies have been conducted, the benefits to the citizens of Flint and Genesee County cannot be determined.

Feel free to call me if you have any questions.

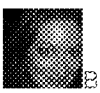
Caleb

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 31, 2012
To: Buhs, Caleb (Treasury); Stanton, Terry A. (Treasury)
Subject: FW: Genesee Co water supply project TODAY's FLINT JOURNAL
Importance: High

Per our quick conversation earlier, Caleb. Any update you can provide ASAP from Treasury role and perspective will be great.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 31, 2012
To: Wurfel, Sara (GOV)
Subject: RE: Genesee Co water supply project TODAY's FLINT JOURNAL

Officials from Flint, Genesee County, Detroit to meet with state treasury on region's water future, officials say



By Kristin Longley | klongley1@mlive.com The Flint Journal
on October 31, 2012 at 7:16 AM, updated October 31, 2012 at 7:17 AM
Email | Print

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Flint water treatment plant *Ryan Garza | MLive.com file photo*

GENESEE COUNTY, MI -- In a meeting of all the major stakeholders, the city of Flint is expected to make its case to the state Thursday that joining a regional effort to build **a new pipeline from Lake Huron** is the best option for Flint's future water.

The meeting is expected to include representatives from Flint emergency financial manager Ed Kurtz's administration as well as the Genesee County Drain Commissioner's Office, Detroit Water and Sewerage Department and thr Michigan Treasury department, Flint officials said this week.

"The state is looking to bring all the parties to one place to look at the numbers," said Howard Croft, Flint's director of infrastructure. "All the pros and cons and all the people involved will be in the room."

Flint and Genesee County have been getting water from Detroit under a 30-year contract that is now expired, and are looking to break away because of continuing price increases.

Officials with the Flint emergency manager's office have been exploring several options for water since the city was taken over by the state in December. The options included treated Flint River water as well as blending Detroit water with Flint River water.

Now, Flint authorities say joining with Genesee County officials on **building a new pipeline from Lake Huron** is the best bet in order to stabilize Flint water rates over the long term.

The pipeline would service a wider region that could also include Lapeer, Sanilac County and Lapeer County, called the Karegnondi Water Authority.

"We're comfortable with the work we've done. We believe the numbers bear out," Croft said. "This is taking it to the next level, taking it to the state and saying these are our options."

Kurtz said that, under the emergency financial manager law, the state treasurer has to sign off on any deal more than $50,000 -- which certainly applies to the pipeline project that's expected to cost the three-county region up to $300 million.

The Genesee County Board of Commissioners took steps last week to borrow up to $35 million to cover the initial construction costs for the pipeline.

Genesee County Drain Commissioner Jeff Wright said he was asked to attend the meeting Thursday in Lansing. He said his office will be glad to be there to answer any questions about the KWA proposal.

County officials claim that continuing to buy water from the city of Detroit will cost the region $2.1 billion during the next 25 years. By building a pipeline, that cost would no more than $1.9 billion over the same period.

"It's cheaper to build our own system than to continue to pay more and more to the city of Detroit," Wright said. "This is about the least expensive way for our people to get the best quality water."

Croft said the Flint River isn't the best option for Flint's primary source because of concerns about capacity during drought conditions and questions about what the city and county would rely on as their state-required backup source, which is currently the river.

If the city were to make the Flint River its primary source, major upgrades would have to be made to the dams and other infrastructure, Croft said.

Blending river water with Detroit water would still leave Flint vulnerable to future rate increases from Detroit, he said.

Going with the KWA pipeline, on the other hand, would mean a fixed water cost, Croft said.

"A lot of things are conditional (with blending)," Croft said. "That's not a good scenario for us. We're looking for a long-term solution not a short-term one."

Still, no decisions have been finalized, he said.

"The state has to support any decision of this magnitude," he said. "This is about us making the best-informed decision we can make

Brad Wurfel
Communications Director

Michigan Department of Environmental Quality
517-241-7395 - office
PPI - cell

From: Milne, James (DEQ)
Sent: Wednesday, October 31, 2012
To: Wurfel, Brad (DEQ)
Cc: Fisher, Brant (DEQ); LeBaron, Andrew (DEQ)
Subject: Genesee Co water supply project

See if the attached files give you what you need. Brant Fisher & Andy LeBaron are probably the best people to talk to about this project.

Jim Milne, Great Lakes Shorelands Unit Chief
Water Resources Division
MI Dept. of Environmental Quality
ph: 517-373-4608 fax: 517-373-6917
e-mail: milnej@michigan.gov

Genesee County Water issue

BACKGROUND

The Division of Water and Waste Services, Genesee County Drain Commissioner (GCDC) operates a regional water system that presently serves 154,000 residents in 19 townships and communities in Genesee County.

The GCDC purchases water from the City of Flint, which is supplied by the Detroit Water and Sewage Department.

Genesee County and the City receive water via a single 72-inch diameter transmission pipeline from the DWSD Lake Huron treatment plant. This pipeline was constructed over 40 years ago and has historically been very reliable. However, there have been recent repairs that underscore the need for additional facilities to ensure water service to the public.

In addition to the potential reliability problems with the existing pipeline, **both the City and Genesee County continue to resist rate increases from DWSD**. Both parties have historically disputed proposed rate increases, and have often discussed or investigated alternative sources for drinking water.

CHRONOLOGICAL SUMMARY OF EVENTS

February 12, 2009: Original submittal of the GCDC application under Part 327 of Act 451, Great Lakes Preservation, for a new withdrawal capacity of 85 million gallons per day (MGD) with a request the DEQ commence with the evaluation and public notice process was received by the Water Bureau (WB). Information was submitted in accordance with Part 327 and GL Charter/Compact requirements for "proposals subject to prior notice and consultation."

March 4, 2009: At the request of the Office of the Great Lakes (OGL), MDEQ, the GCDC was asked to provide additional information in accordance with "Preliminary – Temporary Great Lakes-St. Lawrence River Basin Water Resources Compact Rules."

April 6, 2009: Amended package of information received by the WB. Information was submitted in accordance with above mentioned rules.

April 24, 2009: MDEQ correspondence transmitted to the GCDC informing them of the "completeness of application." GCDC was notified of DEQ intent to conform with the Part 327 requirements for a public comment period of 45 days and the rendering of a decision on the permit application within 120 days. August 24, 2009 established as the deadline for rendering a decision.

May 26, 2009: In the spirit of the Great Lakes-St. Lawrence River Basin Water Resources Agreement (Agreement) and the Great Lakes-St. Lawrence River Basin Water Resources Compact (Compact), the OGL provided notice of the proposed withdrawal to states, provinces and Indian Nations and transmits amended application packet. The OGL requests comments by July 20, 2009 in order for DEQ to meet statutory obligations of Part 327.

May 28, 2009: WB transmits to GCDC a copy of the public notice with cover letter requesting the posting of notice on GCDC premises and at the shoreline property parcel in Sanilac County (location of shore well and pumping station). WB received from GCDC correspondence dated June 4, 2009 affirming compliance with posting requirements.

July 15, 2009: Public comment period on Part 327 permit application ends.

July 20, 2009: Comment period relative to the Agreement/Compact ends.

August 24, 2009: Part 327 statutory deadline for rendering a decision on the GCDC permit application.

Flint Emergency Manager Michael Brown says selling city water and sewer systems can't be ruled out

By Ron Fonger | rfonger1@mlive.com The Flint Journal
January 29, 2012 at 8:00 AM

FLINT, Michigan -- The city's emergency manager is considering selling off Flint's water and sewer plants to the highest bidder, potentially generating a one-time windfall of millions of dollars to help steady the city's shaky finances.

Emergency Manager Michael Brown confirmed that a sale of the plants is among the options under review by his office and said he is "nowhere near a decision on that."

"We have said everything is on the table," Brown said. "Examining our assets (is) all part of the analysis."

Brown isn't discussing specifics, including whether a sale might involve the entire water and sewer systems, including the pipes that carry waste and water to homes and businesses.

Word that Brown was considering such a sale came from Genesee County officials, who believe the move would complicate and set back the proposed water pipeline to Lake Huron.

County Board of Commissioners Chairman Jamie Curtis wrote to Brown Jan. 23, saying he was "worried that if Flint is considering sale of this asset, that there will be adverse impact on the Karegnondi (Water Authority) project."

Flint joined the Karegnondi Water Authority with the city of Lapeer as well as Genesee, Lapeer and Sanilac counties, but has yet to sign a capacity agreement, spelling out how much raw water it will commit to buying.

"The only thing holding back a construction start is Flint's signed capacity agreement," Curtis' letter to Brown said.

As it's designed now, the pipeline has the capacity to carry 85 million gallons of water each day from Lake Huron to the Karegnondi communities.

Curtis called the pipeline "one of the most important economic initiatives currently underway" and asked Brown to commit the city to it "as soon as you are able."

"We cannot miss another construction season for the project," the letter says.

Brown said he's aware "the county wants (a decision) as soon as possible. We are doing everything we can to (do) it fast."

Brown said the city is not currently involved in talks with a specific potential buyer for its water and sewer systems.

Flint Councilman Scott Kincaid said several council members agreed with Mayor Dayne Walling that the city should commit to purchase up to 25 million gallons per day from the pipeline.

But since Brown was appointed emergency manager by Gov. Rick Snyder, Walling and the council no longer have authority to make such decisions.

"I think (Brown) is just looking," Kincaid said of discussion about selling the water and sewer plants. "People get appraisals on their houses. It doesn't mean they are going to sell them."

The councilman said he hasn't been told that the water and sewer sales were under discussion and compared the idea to privatizing garbage collection, leaving city residents at the mercy of for-profit company.

"It's not something I would do," Kincaid said. "I think we are better off coming up with an agreement for the KWA."

County Drain Commissioner Jeff Wright said he knows the city's is investigating a sale of its plants because he was asked if the county would be interested in buying.

"I said no," Wright said, adding that his office might have interest in operating the city's water and sewer systems as an alternative.

"The city should keep its facilities," Wright said. "It's self-sustaining (and) one of the only assets that generates (positive revenue)."

The drain commissioner said he believes Brown will decide that committing to the water pipeline is in the city's best option.

Although no purchase price was discussed, Wright said both the water and sewer plants would cost in excess of $50 million to replace.

Wright said the KWA pipeline project wouldn't automatically collapse if Flint decided to drop out as a partner but said the project would have to be re-evaluated and possibly down-sized.

The drain commissioner said he prefers to wait -- even if it takes until the second half of 2012 -- for Brown to make a decision he's comfortable rather than pressuring him to make a decision quickly.

County officials have advocated for the pipeline because of rising prices for treated drinking water that is currently pumped here by the city of Detroit.

Assuming water use is static and that the city of Detroit takes on no new debt, Wright said he anticipates the cost to Flint and Genesee County will rise from $22.3 million in 2012 to $35.3 million by 2016.

From: Dillon, Andy (Treasury)
Sent: Sunday, March 17, 2013 5:14 PM
To: Snyder, PPI Muchmore, Dennis (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury); Roberts, John (GOV)
Subject: Fwd: March Treasurer's Governor's Memorandum
Attachments: Treasurer's Governor's Memorandum 3-15-13.docm

Governor,

Attached is the monthly local government update memo. As we discussed, I am not happy with the progress we are making revamping this department and will be taking a more hands on approach going forward. This is the third draft of this month's memo and it still lacks the concrete specifics I believe you expect and need. It will be more timely and have more concrete milestones going forward. However, as I know you like to catch up on your reading on the weekends, I am sending it despite the fact it is not ready for prime time.

Some of the items I don't like in the attached are:

It says we will meet with EMs over the next couple months, it won't take that long.

Flint summary says no near term exit despite Governor and Mayor's contrary wishes. I will dig into this more deeply and report back. KWA misrepresented based on my mtg w engineering firm this week. Report I got is that Flint should stay w DWSD.

Not Responsive

Regards,

Andy

Sent from my iPad

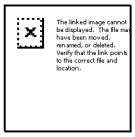
Begin forwarded message:

From: "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>
Date: March 15, 2013 9:07:04 AM EDT
To: "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
Subject: March Treasurer's Governor's Memorandum

Final version attached w/o dashboards.

Edward B. Koryzno, Jr. | Administrator - Office of Fiscal Responsibility

State of Michigan | 430 W. Allegan Street, 1st Floor | Lansing, MI 48922



(517) 373-4415 | (517) 373-0633 (fax)

KoryznoE@michigan.gov

Think Green! Don't print this e-mail unless you need to.

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Thank you

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

DATE: March 15, 2013

TO: Governor Rick Snyder

FROM: Andy Dillon, State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

	FEBRUARY			JANUARY		
	Cities			Cities		
EM/EFM	5			5		
Consent Agreement	3			3		
Watch List	5			5		

Per your request, this memorandum summarizes the status of selected financially distressed units of local government. The following units of local government now are subject to Public Act 72 of 1990, the Local Government Fiscal Responsibility Act.

Not Responsive

Not Responsive

Not Responsive

City of Flint

Not Responsive

- Update: The City of Flint has been participating with Genesee County on the feasibility of the City's use of a planned water pipe line from Lake Huron that would serve a large portion of Genesee County as an alternative to water supplied by DWSD. An engineering firm selected by Treasury to conduct an independent evaluation of Flint's choices for water supply presented their findings on December 18th. This is a critical long-term decision for Flint and the region. The economics show that but for the excess cost of DWSD water during the three year construction period of the Karegnondi Water Authority (KWA) pipeline, the City will benefit from lower water costs in the long term by using the KWA water and treating the water in Flint at their own, existing, water treatment plant. A recent proposal shows that with cooperative efforts with the County, those excess costs can be further minimized.

Not Responsive

Not Responsive

Not Responsive

From: Dillon, Andy (Treasury)
Sent: Sunday, March 17, 2013 6:56 PM
To: Snyder; PPI Muchmore, Dennis (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury); Roberts, John (GOV)
Subject: Fwd: Flint Water Supply Alternatives
Attachments: TYJT Recommendaton DWSD vs Flint.pdf

Governor and Dennis,

Attached is the recommendation from the engineers we hired to advise us on the KWA project for Genesee/Flint. As you will see, they are recommending that Flint stay with DWSD. This has ramifications that merit further discussion. Dennis and Brom, can you schedule a mtg for follow up?

Thanks,

Andy

Sent from my iPad

Begin forwarded message:

> **From:** David Guastella <DGuastel@tyjt.com>
> **Date:** March 17, 2013 1:07:03 PM EDT
> **To:** "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>
> **Cc:** George Karmo <GKarmo@tyjt.com>, Awni Qaqish <aqaqish@tyjt.com>, "Hichez, Amy (Treasury)" <HichezA@michigan.gov>
> **Subject: Flint Water Supply Alternatives**
>
> Good afternoon Treasurer Dillon,
>
> As requested in our meeting on Friday, March 15th, I am attaching TYJT's recommendation regarding Flint's alternatives for water supply. Please do not hesitate to contact us should you have any questions or wish us to look into anything further regarding this issue.
>
> Thank you,
>
> Dave

STATE OF MICHIGAN CONTRACT NO. 271N3200089

CITY OF FLINT WATER SUPPLY ASSESSMENT

At the request of the Treasurer, Tucker, Young, Jackson, Tull, Inc. (TYJT) makes the following recommendation to the Department of Treasury concerning Flint's water supply alternatives. Based on the financial analysis performed of the various options presented by DWSD to continue treated water service to Flint compared to Flint being supplied by the new KWA untreated water system, TYJT believes that several of the options presented by DWSD are lower in cost currently and over the long run than the one offered by KWA. TYJT also believes that DWSD's most recent offer (subsequent to the submittal of our report) to build a smaller parallel water main from Imlay to Flint, funded by the entire DWSD base of customers, is the best solution offering the least cost alternative and the required redundancy by MDEQ.

Furthermore, since a majority of the KWA system has not been designed and none of the system has been constructed, there is an additional risk that the cost of the KWA system may actually be higher than estimated due to potential construction delays and unforeseen conditions. This risk to Flint could be substantial since the city is responsible for 30 percent of the KWA design and construction costs while still having to purchase water from DWSD during the construction period.

Finally, there are other issues that were identified in our report that may result in risks to Flint if it were to join KWA that should be considered by the Treasury in determining how Flint's potable water should be supplied. These issues are related to redundancy and reliability, other items affecting cost, and Flint's desire to control its own destiny related to its water supply. These are described further below.

- DWSD's supply to Flint is via a 72-inch water main from Imlay City. This main also supplies Imlay City, Mayfield and the Greater Lapeer County Utilities Authority (GLCUA). The volume of water contained within the 72-inch main is approximately 30 million gallons. If Genesee and Flint move to KWA then the three remaining communities' consumption would most likely not be large enough to maintain fresh water in DWSD's pipeline (due to loss of chlorine residual). DWSD may consider shutting down the 72-inch line completely due to the water quality concerns, which would then create an additional burden for Imlay, Mayfield and GLCUA to finance treated water supplies.
- The KWA supply option is counter to the Treasury's Competitive Grant Assistance Program (Formerly EVIP Grant). This program has been put in place to allow for communities to consolidate their services and save money. Two existing customers of DWSD (Flint and Genesee County) along with the potential of others customers (GLCUA, Mayfield, Imlay City) separating from another water system is in contradiction to the program.
- There is a concern over the ability of smaller systems (KWA) over larger systems (DWSD) to pay for future unfunded mandates and regulations. Obviously, identifying regulation requirements over 30 years is hard to determine. However, it is widely accepted that a large system has greater ability to respond to unfunded mandates because the cost can be distributed over a large customer base.
- Although Flint will be responsible for 30 percent of the construction cost, they will only have a minority vote on the KWA board. Furthermore, there are other communities (Lapeer County, the City of Lapeer, and Sanilac County) that sit on the board and vote. However, they are not purchasing water nor contributing to the construction costs. Their position on the KWA Board will not provide them an ability to "control their own destiny," as they have stated to the Treasury.

From: Dillon, Andy (Treasury)
Sent: Thursday, March 28, 2013 6:18 PM
To: Snyder; PPI; Muchmore, Dennis (GOV); Roberts, John (GOV); Wyant, Dan (DEQ)
Cc: Stibitz, Brom (Treasury); Fraser, Roger (Treasury); Saxton, Thomas (Treasury)
Subject: KWA

Governor, based upon today's presentations to the DEQ by the City of Flint, KWA and the engineering firm (Tucker Young) Treasury hired to vet the options as to whether Flint should stay with DWSD or join KWA, I am recommending we support the City of Flint's decision to join KWA. The City's EM, Mayor and City Council all support this decision. Dan Wyant likewise concurs and will confirm via email.

We have a briefing call tomorrow morning with Dennis and John to provide more background as to why we reached this conclusion. Flint's EM wants to sign the resolution asap as the project is moving forward with or without them and their participation affects the design and the construction season is upon them.

I assume DWSD will make a last ditch effort to save the customer but I will not advise them of my recommendation until we brief Dennis and John.

Regards,

Andy

Sent from my iPad

From: Muchmore, Dennis (GOV)
Sent: Friday, March 29, 2013 1:31 PM
To: Snyder; PPI
Subject: FW: KWA

Both Dan and Andy believe that the discussions held in the past with DWSD and Flint have been contentious and not fruitful. What we are going to do is tell Flint that if they believe it is in Flint's interest they should sign and submit to Andy for his approval. Brom will tell them that. At the same time we will inform DWSD that this is happening and if they want to make a last attempt they should do so during the period of time that Andy is deliberating on his counter signature. Dan does not believe that DWSD has been straight and doesn't think they will offer anything and Andy concurs. Under any circumstances Flint will have to deal with DWSD on the present delivery system and that may create some negotiations but it's doubtful they will be significant.

We will encourage DWSD to make an attempt. We did call them together as recently as November to negotiate and those discussions were not successful. Andy and Dan will make one last effort.

-----Original Message-----
From: Dillon, Andy (Treasury)
Sent: Thursday, March 28, 2013 6:18 PM
To: Snyder; PPI; Muchmore, Dennis (GOV); Roberts, John (GOV); Wyant, Dan (DEQ)
Cc: Stibitz, Brom (Treasury); Fraser, Roger (Treasury); Saxton, Thomas (Treasury)
Subject: KWA

Governor, based upon today's presentations to the DEQ by the City of Flint, KWA and the engineering firm (Tucker Young) Treasury hired to vet the options as to whether Flint should stay with DWSD or join KWA, I am recommending we support the City of Flint's decision to join KWA. The City's EM, Mayor and City Council all support this decision. Dan Wyant likewise concurs and will confirm via email.

We have a briefing call tomorrow morning with Dennis and John to provide more background as to why we reached this conclusion. Flint's EM wants to sign the resolution asap as the project is moving forward with or without them and their participation affects the design and the construction season is upon them.

I assume DWSD will make a last ditch effort to save the customer but I will not advise them of my recommendation until we brief Dennis and John.

Regards,

Andy

Sent from my iPad

Message

From: Muchmore, Dennis (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MUCHMORED]
Sent: 4/4/2013 10:07:06 PM
To: Snyder PPI PPI
CC: Scott, Allison (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Scotta12]
Subject: RE: Just a head's up

They have been notified per the plan and have until Andy returns next week to present their counter proposal. The concept is executed. Sorry for the confusion but they haven't followed up with Flint and I thought you should know we were moving to the next step at the end of the ten days. I was indicating that we were expecting to move forward in case you had further reservations and wanted us to delay further.

From: Snyder PPI
Sent: Thursday, April 04, 2013 5:14 PM
To: Muchmore, Dennis (GOV)
Cc: Scott, Allison (GOV)
Subject: Re: Just a head's up

Before I left, I thought all of us agreed that someone would let DWSD know that they were going to lose a key customer and that they would have 10 days to present a serious counter. What happened to this concept?

Thanks

Rick

Sent from my iPad

On Apr 4, 2013, at 9:43 AM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

As you know, the Flint people have requested Dillon's ok to break away from the DWSD. Andy has reviewed the proposed action, had it analyzed by Treasury and Dan Wyant and DEQ, and they all agree that Flint is correct. I have no way of determining whether this is the right action except to depend on the two departments charged with this responsibility, so I recommend that we support their determination and let the chips fall where they may. This will happen early next week, so we need to have you made aware and develop a message of support if that is what you want to do.

We'll need to make sure that Orr knows about this as soon as possible so he can take it into his calculations. It would certainly diminish the DWSD base, and probably spin off a series of political questions for others still involved in the Detroit system. But, I don't see how you can support Detroit to the detriment of the rest of the state. You've done a lot for the city, but you also need to have a strong support for outstate for 2014.

Sorry to bug you on your vacation, but the two emails today couldn't be avoided. I was trying to think of a way to make it up to you, so here goes: GO BLUE! (That was really tough to say…).

Dennis C. Muchmore

Chief of Staff

Governor Rick Snyder, Michigan

517-241-5601

From: Dillon, Andy (Treasury)
Sent: Wednesday, April 17, 2013 4:16 PM
To: Snyder, PPI
Cc: Muchmore, Dennis (GOV); Stibitz, Brom (Treasury); Roberts, John (GOV)
Subject: Fwd: KWA and City of Flint

Governor, Dennis indicated you wanted a DWSD KWA mtg. I am arranging it. Below is an email from Dan Wyant on the topic.

Sent from my iPad

Begin forwarded message:

> **From:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
> **Date:** April 17, 2013, 10:45:45 AM EDT
> **To:** "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>
> **Subject: FW: KWA and City of Flint**
>
> Andy,
>
> More DEQ staff comments attached from this morning. Our analysis has not changed.
>
> Dan Wyant, Director
> Department of Environmental Quality
> 517-373-7917
>
> ---
>
> **From:** Thelen, Mary Beth (DEQ)
> **Sent:** Wednesday, April 17, 2013 10:43 AM
> **To:** Wyant, Dan (DEQ)
> **Subject:** FW: KWA and City of Flint
>
> ---
>
> **From:** Busch, Stephen (DEQ)
> **Sent:** Wednesday, April 17, 2013 9:51 AM
> **To:** Sygo, Jim (DEQ); Shekter Smith, Liane (DEQ); Thelen, Mary Beth (DEQ)
> **Cc:** Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ)
> **Subject:** RE: KWA and City of Flint
>
> Director Wyant, Deputy Director Sygo, and Liane,
>
> A response at this point may be moot as Flint and Genesee Co. already held a press conference yesterday rejecting the DWSD offer.
>
> It is also unclear whether DWSD provided its offer directly to Flint and Genesee Co. by the deadline in Treasurer Dillon's letter. However, Flint and Genesee Co. still took the offer under consideration.
>
> Our office concurs with both Flint and Genesee Co. that the offers provided by DWSD were incomplete.

Of the two scenarios provided by DWSD it appeared that only Scenario 2 was listed as potentially being more cost effective. However, this scenario did not address the following:

1. The DWSD scenarios are based on 40 MGD of service capacity. However, the KWA project is providing 60 MGD of initial capacity with potential expansion to 75 MGD in the future. Therefore, in order for a more direct comparison the DWSD scenario would need to increase capacity to 60 MGD, which would increase fixed rate commodity costs as well as the capital costs for the Huron Plant that DWSD was planning to allocate to Flint and Genesee Co., presumably by as much as 50%.

2. DWSD proposals cover a 30 year period to 2042, but fail to recognize that after this period bond payments for the KWA project will be complete and result in a significant reduction in costs for the KWA option.

3. While DWSD indicates that Flint and Genesee Co. would be given "broadened representation", it remains unclear exactly what this means in terms of actual control in the decision making process.

4. This scenario continues to rely on a single transmission system and would require the City of Flint to maintain its WTP for emergency purposes and these costs do not appear to be included. In addition, use of the Flint WTP as an emergency backup would leave Genesee Co. without an adequate backup supply to meet their 30 year needs.

Again, without DWSD providing the specific details of these proposals, it is difficult to provide a true comparative analysis, and as such Flint and Genesee Co. appear to be justified in their rejection of these proposals.

Please let me know if you require any further response.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Sygo, Jim (DEQ)
Sent: Tuesday, April 16, 2013 9:59 AM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Cc: Shekter Smith, Liane (DEQ); Shaler, Karen (DEQ); Thelen, Mary Beth (DEQ)
Subject: FW: KWA and City of Flint

Steve, Mike and Richard,

Please take a look at DWSD's last best offer to the City of Flint and provide your collective perspective to the Director through Liane by the end of the week. Copy me in as well. I'll be out of the office but would like to know if you think this is worth considering.

Thank you for your expedited review.

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 6:52 AM
To: Sygo, Jim (DEQ)
Subject: FW: KWA and City of Flint

Jim,

Liane is out of the office today, Can you forward this directly to her staff that worked on this with us.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 6:51 AM
To: Sygo, Jim (DEQ); Creal, William (DEQ); Shekter Smith, Liane (DEQ)
Cc: Anderson, Madhu (DEQ)
Subject: FW: KWA and City of Flint

Bill and Liane,

Can you have your staff's take a quick look at this and let me know today if they think this changes their thoughts and comments to me last week.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Dillon, Andy (Treasury)
Sent: Monday, April 15, 2013 7:55 PM
To: Wyant, Dan (DEQ); Dennis Muchmore; Roberts, John (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury)
Subject: Fwd: KWA and City of Flint

FYI

Dan, any thoughts re the attached?

We gave dwsd until today to put best offer on table. Flint is to get back to us tmrw. I want to make sure their expected rejection is made in good faith.

Sent from my iPad

Begin forwarded message

> **From:** "Debra Ragland" <dragland@dwsd.org>
> **To:** "ekurtz@cityofflint.com" <ekurtz@cityofflint.com>
> **Cc:** "jwright@co.genesee.mi.us" <jwright@co.genesee.mi.us>, "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "James Fausone" <fausone@dwsd.org>, "orrk@detroitmi.gov" <orrk@detroitmi.gov>, "Sue McCormick" <mccormick@dwsd.org>
> **Subject: KWA and City of Flint**

Please see attached on behalf of Sue F. McCormick.

Faxed copy forwarded to Mayor Dayne Walling and Jeff Wright.

From: Muchmore, Dennis (GOV)
Sent: Friday, April 19, 2013 8:48 AM
To: Snyder, PPI Dillon, Andy (Treasury)
Subject: Fwd: Detroit

Advice from Scorsone re: Flint and water system.

Sent from my iPhone

Begin forwarded message:

> **From:** "Scorsone, Eric" <scorsone@anr.msu.edu>
> **Date:** April 19, 2013, 8:22:38 AM EDT
> **To:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
> **Cc:** "Roberts, John (GOV)" <robertsj9@michigan.gov>, "Rustem, William (GOV)" <rustemw@michigan.gov>
> **Subject: Re: Detroit**
>
> Dennis, Bill and John
>
> For what it is worth, I would look at having flint spilt off the water system into some kind of regional authority and separate the finances from the general city if you are going to move forward with kiragani. The city has a propensity to use the water system as a cash cow and it will help them avoid that problem in the future.
>
> Thanks
>
> Eric
>
> Dr. Eric Scorsone
> Michigan State University
>
> On Apr 17, 2013, at 5:44 PM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:
>
> Anytime
>
> > -----Original Message-----
> > From: Scorsone, Eric [mailto:scorsone@anr.msu.edu]
> > Sent: Wednesday, April 17, 2013 4:24 PM
> > To: Roberts, John (GOV); Muchmore, Dennis (GOV); Rustem, William (GOV)
> > Subject: Detroit

Good Afternoon,

If you think it makes sense, it might be worthwhile to get together and discuss the Orr situation and how you want me to interact with him. I have been working with Ernst and Young in Detroit for the last month or two on restructuring issues.

Thanks

Eric

(517)353-9460
scorsone@msu.edu

Regards,

Eric

Dr. Eric Scorsone
Faculty Member and Workgroup Leader
Department of Agricultural, Food and Resource Economics and MSU Extension
Michigan State University
202 Agriculture Hall
East Lansing, MI 48824-1039

(517)353-9460
scorsone@msu.edu

From: Muchmore, Dennis (GOV)
Sent: Friday, April 26, 2013 8:25 AM
To: Dillon, Andy (Treasury); Stibitz, Brom (Treasury)
Cc: Snyder, PPI
Subject: Flint

If Flint is going to go into some kind of regional authority, then we need to firewall the finances of water from the general city budget. How do we keep the city from using the water system as a cash flow tool? We need to help them avoid the problem that they have been guilty of in the past of capturing water monies from customers before remittance to the Authority and using it elsewhere.
I suspect that is the motivation behind their desire to split off from DWSD. If the monies go to legacy debt it will help Flint immeasurably, if general fund then they'll never get on top of the situation. Right now their legacy debt is higher than their wages for current employees and that is obviously unsustainable. I realize I'm not telling you anything you don't already know, just re-emphasizing.

From: Muchmore, Dennis (GOV)
Sent: Monday, April 29, 2013 8:49 AM
To: Snyder, PPI
Cc: Scott, Allison (GOV); Roberts, John (GOV)
Subject: Detroit Update
Attachments: Not Responsive

Not Responsive

On-Going project discussions:

DWSD-The Flint decision has of course created a need for a reevaluation of the market value of the asset.

Not Responsive

Dennis C. Muchmore
Chief of Staff
Governor Rick Snyder, Michigan
517-241-5601

From: Dillon, Andy (Treasury)
Sent: Thursday, May 23, 2013 10:25 PM
To: Snyder, PPI
Subject: Fwd: FLINT - E&Y Report and comments; invoice
Attachments: Kurtz letter re EY May 23.doc; ATT00001.htm; City of Flint - Phase I Discussion Document v2.pdf; ATT00002.htm; EY City of Flint_US0130838852_$110,000.pdf; ATT00003.htm

Governor,

I am sending this only because I know you may have some time this weekend to catch up on some reading and, if you were curious, it would be available to you. I still need to meet with E&Y and the City to go through this and formulate my recommendation to you. Thus, not asking you to read it - just making it available.

Within two weeks, I expect to ask for some time to discuss Flint, Highland Park and a few other local units on my radar.

Regards,

Andy

Sent from my iPad

Begin forwarded message:

> **From:** "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
> **To:** "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
> **Cc:** "Malhotra, Gaurav" <Gaurav.Malhotra@ey.com>
> **Subject: FLINT - E&Y Report and comments; invoice**
>
> From: Ed Kurtz [mailto:ekurtz@cityofflint.com]
> Sent: Thursday, May 23, 2013 10:13 AM
> To: Koryzno, Edward (Treasury); Stibitz, Brom (Treasury)
> Subject: Fwd: E&Y Report and comments; invoice
>
> See the following which includes the report from E & Y as well as our Finance Director's comments on the report and a copy of the invoice. After we pay it I will send a request for reimbursement to Treasury. Ed
> ---------- Forwarded message ----------
> From: Gerald Ambrose <gambrose@cityofflint.com<mailto:gambrose@cityofflint.com>>
> Date: Thu, May 23, 2013 at 9:17 AM
> Subject: E&Y Report and comments; invoice

To: Ed Kurtz <ekurtz@cityofflint.com<mailto:ekurtz@cityofflint.com>>
Cc: Mike Brown <mbrown@reinvestflint.org<mailto:mbrown@reinvestflint.org>>, Antonio Brown <abrown@cityofflint.com<mailto:abrown@cityofflint.com>>

Ed,

Attached per our conversation are my comments on the Ernst & Young Report; the actual report; and the invoice. We have completed the budget amendment necessary for payment and the invoice is being processed. I will be sending the invoice to our contact at the state in order that we can be reimbursed for the state's share.

Please contact me if you have any questions.

Jerry

From: Hollins, Harvey (GOV)
Sent: Friday, April 25, 2014 4:27 PM
To: PPI (GOV); Muchmore, Dennis (GOV)
Subject: Fw: PRESS RELEASE: Flint Officially Begins Using River
Attachments: Flint.River.Transition.4.25.14.pdf

Best,
Harvey Hollins

-----Original message-----

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Fri, Apr 25, 2014 20:23:43 GMT+00:00
Subject: PRESS RELEASE: Flint Officially Begins Using River

For Immediate Release

City of Flint Officially Begins Using Flint River as Temporary Primary Water Source

Flint, Michigan – April 25, 2014 – For the first time in fifty years, the City of Flint is using the Flint River—part of the Saginaw River watershed—as a primary water source for city residents. Today the valve to the pipeline from Detroit was closed and the Flint River officially became Flint's water supply. The temporary switchover is scheduled to support the city's primary water needs for the next two years while construction of the forthcoming pipeline from Lake Huron is completed by Karegnondi Water Authority. Officials from the City of Flint, the Genesee County Drain Commission and the Michigan Department of Environmental Quality were all on hand to witness the historic event.

The Flint River was once the primary source of water for city residents up to the 1960s. Over the past 40 years, it has provided water to city residents as a back-up to water provided to us by Detroit. During

our partnership with Detroit, Flint has had to transition to the use of the Flint River for residential water on a few different occasions, with the most recent temporary switchover happening in 2009. Each temporary stint on local water proved three things to city employees and residents alike: That a transition to local river water could be done seamlessly, and that it was both sensible and safe for us to use our own water as a primary water source in Flint.

Even with a proven track record of providing perfectly good water for Flint, there still remains lingering uncertainty about the quality of the water. In an effort to dispel myths and promote the truth about the Flint River and its viability as a residential water resource, there have been numerous studies and tests conducted on its water by several different independent organizations. In addition to what has been found in independent studies, it is also the responsibility of the City of Flint Water Service Center to continually test the water provided to city residents. Michael Prysby of the Michigan DEQ Office of Drinking Water verified that "the quality of the water being put out meets all of our drinking water standards and Flint water is safe to drink."

For nearly 10 years Mike Glasgow has worked in the laboratory at the City of Flint Water Service Center. He has run countless tests on our drinking water to ensure its safety for public use. Mike has not only conducted tests on water provided to us by Detroit, but also on local water from nearby rivers, lakes and streams including the Flint River. When asked if over the last decade if he has seen any abnormalities of major concern in the water, his response was an emphatic, "No." In his words, "there has been nothing seen that was of major concern," during his ongoing tenure working in the lab. "The tests results have shown that our water is not only safe, but of the high quality that Flint customers have come to expect," announced DPW Director Howard Croft, "we are proud of the end result."

Apart from the water plant's devotion to ensuring that our water is good, Flint is doubly blessed in having the Flint River Watershed Coalition as a separate organization dedicated to monitoring the overall welfare of local bodies of water, overseeing more than 30 different nearby locations. Rebecca Fedewa has been director of the watershed coalition since 2008. By virtue of her passion for her work and her position on the board, she is very conversant with the condition of the Flint River. In her words, "The Flint River is increasingly healthy, and completely suitable as a drinking water source." Fedewa and FRWC are working closely with the city "to monitor flows and habitats between the intake and the waste water treatment plant to ensure there are minimal to no impacts to the overall health of the river."

FRWC also invites city residents to be a part of their monitoring exercises during this spring in order "to gain firsthand knowledge in the health and vitality of our Flint River." Mayor Dayne Walling invited everyone at today's event to toast to Flint's water. "It's regular, good, pure drinking water, and it's right in our backyard," said Mayor Walling, "this is the first step in the right direction for Flint, as we take this monumental step forward in controlling the future of our community's most precious resource."

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

Darnell Earley
ICMA-CM, MPA
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

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–CONTINUE–

Darnell Earley
ICMA-CM, MPA
Emergency Manager

Dayne Walling
Mayor

Even with a proven track record of providing perfectly good water for Flint, there still remains lingering uncertainty about the quality of the water. In an effort to dispel myths and promote the truth about the Flint River and its viability as a residential water resource, there have been numerous studies and tests conducted on its water by several different independent organizations. In addition to what has been found in independent studies, it is also the responsibility of the City of Flint Water Service Center to continually test the water provided to city residents. Michael Prysby of the Michigan DEQ Office of Drinking Water verified that "the quality of the water being put out meets all of our drinking water standards and Flint water is safe to drink."

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Apart from the water plant's devotion to ensuring that our water is good, Flint is doubly blessed in having the Flint River Watershed Coalition as a separate organization

–CONTINUE–

Darnell Earley
ICMA-CM, MPA
Emergency Manager

Dayne Walling
Mayor

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–END–

From: Scott, Allison (GOV)
Sent: Monday, August 11, 2014 4:02 PM
To: Snyder, PPI
Subject: FW: August 2014 Gov memo and Summary
Attachments: 8-11-14 Gov Memo.docx; 436Summary 8-11-14.docx

From: Workman, Wayne (TREASURY)
Sent: Monday, August 11, 2014 1:36 PM
To: Muchmore, Dennis (GOV); Clinton, Kevin (TREASURY); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)
Cc: Saxton, Thomas (Treasury); Stanton, Terry A. (Treasury); Gelisse, Ashley (TREASURY); Baird, Richard (GOV); Dempkowski, Angela (Treasury)
Subject: August 2014 Gov memo and Summary

All: Attached please find an update of issues and actions regarding distressed local governments and school districts through August 7, 2014. Let me know if you have any questions or need additional information.

Wayne Workman | Deputy State Treasurer
State of Michigan | 430 W. Allegan Street | Lansing, MI 48922

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: August 11, 2014

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Allen Park

Not Responsive

Detroit

Not Responsive

Not Responsive

Flint
Emergency Manager: Darnell Earley
Appointed: November 28, 2013
Anticipated Exit: April 2015

Not Responsive

- Significant Actions/Issues
  - The sale of the water pipeline for $3.7M was completed in June 2014. KWA project still moving forward as planned.
  - Water Plant placed into full-time service in April 2014, ending contractual relationship with DWSD.

Not Responsive

Hamtramck

Not Responsive

Lincoln Park

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB)

Benton Harbor

Not Responsive

Ecorse

Not Responsive

Pontiac

Not Responsive

CONSENT AGREEMENT

Inkster

Not Responsive

River Rouge

Not Responsive

Not Responsive

Royal Oak Township

Effective Date: April 21, 2014

Not Responsive

NEUTRAL EVALUATION

Highland Park

Not Responsive

OTHER COMMUNITIES

Melvindale

Not Responsive

Taylor

Not Responsive

City of Wayne

Not Responsive

Wayne County

Not Responsive

Not Responsive

From: Scott, Allison (GOV)
Sent: Friday, October 03, 2014 2:43 PM
To: Snyder, PPI
Subject: Fwd: September 2014 Gov Memo and Summary
Attachments: Oct Gov Memo.docx; ATT00001.htm; 10-1-14 - 436Summary.docx; ATT00002.htm

Sent from my iPhone

Begin forwarded message:

From: "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>
Date: October 3, 2014 at 1:58:51 PM EDT
To: "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Clinton, Kevin (TREASURY)" <ClintonK1@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Wisniewski, Wendy (GOV)" <wisniewskiw@michigan.gov>, "Scott, Allison (GOV)" <scotta12@michigan.gov>
Cc: "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Gelisse, Ashley (TREASURY)" <GelisseA@michigan.gov>, "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Dempkowski, Angela (Treasury)" <DempkowskiA@michigan.gov>
Subject: September 2014 Gov Memo and Summary

All: Attached please find an update of issues and actions regarding distressed local governments and school districts through September 2014. Let me know if you have any questions or need additional information.

Wayne Workman | Deputy State Treasurer
State of Michigan | 430 W. Allegan Street | Lansing, MI 48922

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

DATE: October 3, 2014

TO: Rick Snyder, Governor

FROM: R. Kevin Clinton, Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Flint

Not Responsive

Significant Actions/Issues

- On September 5, 2014 a boil water advisory was issued due to multiple positive tests for "total coliform" covering approximately a 9 square mile area. This was caused from a broken valve which feeds the transition main.

Not Responsive

Not Responsive

Hamtramck

Not Responsive

Lincoln Park

Not Responsive

Not Responsive

FINANCIAL REVIEW COMMISSION (FRC)

Detroit

Not Responsive

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB)

Allen Park

Not Responsive

Benton Harbor

Not Responsive

Not Responsive

Ecorse

Not Responsive

Pontiac

Not Responsive

Not Responsive

CONSENT AGREEMENT

Inkster

Not Responsive

Not Responsive

River Rouge

Not Responsive

Royal Oak Township

Not Responsive

Not Responsive

NEUTRAL EVALUATION

Highland Park

Not Responsive

Not Responsive

OTHER COMMUNITIES

Melvindale

Not Responsive

Taylor

Not Responsive

City of Wayne

Not Responsive

Not Responsive

Not Responsive

Wayne County

Not Responsive

From: Muchmore, Dennis (GOV)
Sent: Friday, January 30, 2015 6:16 PM
To: Snyder; PPI
Cc: Scott, Allison (GOV)
Subject: FW: Backgrounder on Tuesday Flint water event
Attachments: Briefing Flint grant announcement.docx

This is our plan for the Tuesday announcement. I have backgrounders on the grants, etc. if you decide you want them.

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 6:05 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Wurfel, Brad (DEQ); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV)
Cc: Wisniewski, Wendy (GOV); Rospond, Laurie (GOV)
Subject: Backgrounder on Tuesday Flint water event

Team,

Here is background on the planned Tuesday event in Flint regarding the $2 million Distressed Cities grant and other issues connected to the water issue.

There are plans for two press releases on Tuesday. The first will detail the two Flint grants and will be released by the governor's communications office. The other release, which would detail the other grants, would follow from Treasury with a quote from the governor.

Mayor Walling has agreed to speak at the event, with Harvey Hollins and Dan Wyant representing the governor's office. Sen. Ananich has asked to speak, and it has been suggested that Rep. Neeley would speak and it might be better to add him to the program. Others, such as Deputy Director Workman and Emergency Manager Ambrose, would be present and available.

The attached document includes details about the planned event, as well as background on the grants from Treasury and on the entire water issue from DEQ as well as Mayor Walling's Facebook post about the governor and links to the stories in the media about the issue.

We have a room reserved and are working with the communications team in Flint to have microphones and other items needed for the event.

Please let me know if there is any information you think should also be included, or anything that should be changed. Once everyone has had the opportunity to review, we can forward to the governor.

Thank you, everyone, for your assistance. I know there are lots of moving pieces and many people involved.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office

PPI mobile
Twitter:@michigandmurray

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, PPI
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, PPI
Treasury communications: Terry Stanton, stantont@michigan.gov, PPI

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

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Friend,

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That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

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Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

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- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

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- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund

- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

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- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

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- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

From: Murray, David (GOV)
Sent: Sunday, February 01, 2015 5:15 PM
To: Agen, Jarrod (GOV); PPI (GOV); Wurfel, Sara (GOV); Scott, Allison (GOV)
Subject: Background information and draft press releases for Tueday water event in Flint
Attachments: 2 FDCVT Grant Awards draft.docx; Briefing Flint grant announcement.docx; RELEASE Flint water grants.docx

Good afternoon Governor,

Here is background on the planned Tuesday event in Flint regarding the $2 million Distressed Cities grant and other issues connected to the water situation.

There are plans for two press releases on Tuesday. The first will detail the two Flint grants and will be released by the governor's communications office. The other release, which would detail the other grants, would follow from Treasury with a quote. Both drafts are attached, and we are considering approaching the Flint mayor or emergency manager to contribute a quote.

Mayor Walling has agreed to speak at the event, with Harvey Hollins and Dan Wyant representing the administration. Sen. Ananich has asked to speak, and it has been suggested that Rep. Neeley would speak and it might be better to add him to the program. Others, such as Deputy Director Workman and Emergency Manager Ambrose, would be present and available.

The attached document includes details about the planned event, as well as background on the grants from Treasury and on the entire water issue from DEQ as well as Mayor Walling's Facebook post and links to the stories in the media about the issue.

We have a room reserved and are working with the communications team in Flint to have microphones and other items needed for the event.

Please let me know if there is any information you think should also be included, or anything that should be changed.

Thank you very much,

Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Gov. Rick Snyder announces grants helping distressed municipalities with water, public safety, appraisal issues

$8 million awarded for projects aimed at improving services, quality of life

LANSING, Mich. -- Gov. Rick Snyder today awarded $8 million to six municipalities to fund various improvement projects, including water system and street lighting enhancements and technology upgrades through the Financially Distressed Cities, Villages, and Townships Grant Program.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

"Municipalities receiving this special funding are some of the areas hardest hit by the Great Recession," Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding this year, with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000

City of Flint	Water system enhancement through improved waste management.	$1,100,000
City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000
City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.

Preference is generally given to applicants from local units in which:

- A financial emergency has been declared in the past five years;
- An approved deficit elimination plan for the general fund is currently in place; or,
- Two or more conditions indicating "probable financial distress" currently exist.

For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.

####

*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, PPI
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, PPI
Treasury communications: Terry Stanton, stantont@michigan.gov, PPI

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	Rep. Neeley remarks.
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

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STATE OF MICHIGAN
EXECUTIVE OFFICE
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LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in Distressed Cities grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help cities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among six municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for the state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, state Senate Minority Leader Jim Ananich, state Reps. Sheldon Neeley and Phil Phelps.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

Message

From: Muchmore, Dennis (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MUCHMORED]

Sent: 4/28/2015 5:36:34 PM

To: Snyder, Rick (GOV) [/ PPI PPI Calley, Brian (GOV) [PPI ADMINISTRATIVE GROUP (PPI

CC: Scott, Allison (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Scotta12]; Clement, Elizabeth (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Clemente]; Agen, Jarrod (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Agen Jarrod9ea]

Subject: Head's up

Not Responsive

We're ready to move ahead declaring tomorrow that Flint is ready to take its city under its own control and I personally would like to congratulate you on the leadership that achieved this goal. Outside of the issues over the water we feel pretty confident going forward. The water issue continues to be a danger flag.

Not Responsive

From: Scott, Allison (GOV)
Sent: Monday, May 18, 2015 4:32 PM
To: PPI (GOV)
Subject: FW: Local Government Update
Attachments: Loc Gov Update May 2015.docx

fyi

From: Workman, Wayne (TREASURY)
Sent: Friday, May 15, 2015 12:42 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Baird, Richard (GOV); Wurfel, Sara (GOV); Wisniewski, Wendy (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Koryzno, Edward (Treasury); Roberts, John (DTMB); Allard, Claire (GOV); Workman, Wayne (TREASURY)
Subject: Local Government Update

Allison, Dennis, and Beth: Attached is the periodic update on distressed local governments. Please pass on to the Governor as appropriate. If you have any questions, please don't hesitate to call. Wayne

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: May 15, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Stressed Local Governments

EMERGENCY MANAGER

Lincoln Park

Not Responsive

FINANCIAL REVIEW COMMISSION (FRC)

Detroit

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB)

Allen Park

Not Responsive

Not Responsive

Benton Harbor

Not Responsive

Ecorse

Not Responsive

Not Responsive

Flint
RTAB Appointed: April 29, 2015
RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

Not Responsive

- EM Gerry Ambrose issued an EM Order on March 19, 2015 that restructured the State Revolving Fund loans and provides approximately $2.2M, allowing the city to invest in capital improvements to the water system.

Not Responsive

- The City of Flint continues to inform residents that it is in violation of the Clean Water Standards Act, after unsafe levels of trihalomethanes (TTHM, a disinfectant by-product) were found in the water. Recent testing by the Michigan Department of Environmental Quality (MDEQ) Testing Lab showed that the total TTHM levels for the month of March are well within the Environmental Protection Agency (EPA) guidelines for safe water. However, because EPA regulations require that the four month average for all testing sites be within certain guidelines, the city is still considered to be non-compliant by the MDEQ. Monthly testing remains ongoing and is being conducted by several parties.
- The city hired Veolia to provide an analysis of the water system, including recommended improvements and associated costs. Recommendations included water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city is installing a $1.5M granulated active-charcoal filter to improve water quality. This filter installation will be completed in mid-July.

Not Responsive

Significant Actions/Issues

- On February 3, 2015, the city was awarded $2M through the Financially Distressed Cities, Villages, and Townships Grant Program. These funds will be used to enhance the city's water system through improved waste management, leak detection, and pipe assessments. Pre-planning for implementation of these activities is underway.

Not Responsive

Hamtramck

Not Responsive

Pontiac

Not Responsive

CONSENT AGREEMENT

Inkster

Not Responsive

River Rouge

Not Responsive

Royal Oak Township

Not Responsive

Not Responsive

NEUTRAL EVALUATION

Highland Park

Not Responsive

Not Responsive

OTHER COMMUNITIES

Wayne County

Not Responsive

From: Hollins, Harvey (GOV)
Sent: Wednesday, September 02, 2015 3:13 PM
To: Snyder, PPI Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water Filters

As you know, Meijer and Clorox donated 1500 kitchen water filters for Flint residents as a way of providing added comfort amid concerns about Flint's water quality. Meijer and Clorox do not want any publicity or credit for the donation.

The filters were delivered to the Concerned Pastors organization, who held an event yesterday to give away the filters. Residents were invited to come to a central location to pick up their filter. The Concerned Pastors targeted low income Flint residents.

More than 1500 households showed up yesterday to pick up a filter; the Concerned Pastors exhausted the donated supply in 4 hours with 200 people still waiting to get a filter.

Best,
Harvey

From: Muchmore, Dennis (GOV)
Sent: Friday, September 25, 2015 10:29 AM
To: Snyder, PPI Calley, PPI
Cc: Scott, Allison (GOV); Agen, Jarrod (GOV)
Subject: Flint water

The issue of Flint water and its quality continues to be a challenging topic. The switch over to use Flint river water has spurred most of the controversy and contention. The DEQ and DCH feel that some in Flint are taking the very sensitive issue of children's exposure to lead and trying to turn it into a political football claiming the departments are underestimating the impacts on the populations and particularly trying to shift responsibility to the state.

We have put an incredible amount of time and effort into this issue because of the impacted neighbors and their children, and the KWA/DWSD controversy and Dillon's involvement in the final decision. Kildee is asking for a call with you. That's tricky because he's sure to use it publicly, but if you don't talk with him it will just fan the narrative that the state is ducking responsibility. I can't figure out why the state is responsible except that Dillon did make the ultimate decision so we're not able to avoid the subject.

The real responsibility rests with the County, city and KWA, but since the issue here is the health of citizens and their children we're taking a pro-active approach putting DHHS out there as an educator.

I'm not sure how much background you need on all this so I don't want to flood you with stuff. Jarrod and Dave have a lot of info that we can supplement your understanding and we can put a briefing or face to face with Wyant and Lyon if you want to go there.

Sent from my iPhone

From: Muchmore, Dennis (GOV)
Sent: Friday, September 25, 2015 8:47 PM
To: Scott, Allison (GOV); Snyder, PPI
Cc: Mcbride, Bill (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV)
Subject: Re: Flint water

We're collecting the information tonight and will send tomorrow.
Sent from my iPhone

> On Sep 25, 2015, at 3:44 PM, Scott, Allison (GOV) <scotta12@michigan.gov> wrote:
>
> governor spoke with Ananich this afternoon
>
> He would like to do a call Monday morning with Dennis and Dan Wyant to get latest and greatest info on this topic
>
> After that will be some combination of he and Wyant speaking with Ananich
>
> Any materials on this topic please share for over the weekend
>
> Beth please use call time mom for this purpose. This should precede the Kildee call as well
>
> Thanks
>
> Sent from my iPhone

From: Muchmore, Dennis (GOV)
Sent: Monday, September 28, 2015 12:04 PM
To: Snyder, PPI
Subject: FW: Letter to Governor Snyder: Flint Water
Attachments: 09.28.2015-Letter-Ananich-Snyder-Water-Requests.pdf

Just got this.

From: Andrew Leavitt [mailto:ALeavitt@senate.michigan.gov]
Sent: Monday, September 28, 2015 11:45 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Letter to Governor Snyder: Flint Water

Hi Dennis,

Senator Ananich began drafting the attached letter on Sunday and thought it would be helpful to guide our 12pm call.

Thanks,

Andy

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

September 28, 2015

State of Michigan
Executive Office of the Governor
P.O. Box 30013
Lansing, MI 48909

Governor Snyder,

Access to safe, affordable drinking water is a basic necessity for every community. It is completely unacceptable that respected scientific experts and our trusted local physicians have verified that the City of Flint's drinking water is dangerous for our citizens, especially our most vulnerable young people.

As a result, I am formally requesting assistance as suggested by the experts on the frontline of this public health crisis. Here are the top priorities we should work together to address:

1. **Swift transfer to a safe source of water until the Karegnondi Water Authority (KWA) project is complete next year.** Your administration has the ability to ensure a financially acceptable and responsible contract between Flint and the Detroit Water and Sewerage Department, particularly in light of the public health implications with the Flint River supply.

2. **Equally urgent is the need for corrosion control as recommended by independent scientific experts.** There are chemical treatment additives that could help reduce this corrosion. I urge you to help the city implement anti-corrosion methods immediately. The current emergency makes the January timeline unacceptable.

3. **Filters and bottled water assistance.** Flint water touches the entire city. Whether it's a person's home, work, school, restaurant or place of worship, access to safe, clean drinking water should not be hindered. Water filters, used in conjunction with corrosion control methods, are necessary to help guard against toxic exposure.

   I have been working with the philanthropic community and private sector to secure donations to acquire filters and water; however, more funds will be necessary to effectively cover the thousands of residents impacted. I would like to formally request emergency funding to help supplement the acquisition of water filters and bottled water. Any and all appropriate state or federal money to help accomplish this feat should be considered.

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

4. **Support for completion of the KWA pipeline.** It is presumed that the upcoming KWA pipeline will solve a number of problems associated with the current sourcing of Flint's water from the Flint River. I am requesting a meeting between representatives from your office, KWA board members and project engineers to discuss any options to expedite the pipeline's construction.

5. **A long-term commitment to addressing outdated infrastructure.** A recent EPA report just outlined the billions of dollars necessary over the next several decades to adequately secure safe water for our entire state. You have the position and opportunity to be a national leader on moving the debate forward on this topic so that we can avoid the type of catastrophe my community is grappling with today.

I look forward to working with you to deliver on these concrete and urgent action items to alleviate the public health crisis facing our residents.

We jeopardize any progress and comeback for our cities and state if we cannot ensure safe, basic necessities for our families or if we cannot come together swiftly to fix an identified, severe threat to the safety of our people.

Sincerely,

Jim Ananich
Senate Democratic Leader
District 27

cc:
U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Howard Croft, City of Flint
Susan Hedman, EPA
Thomas Poy, EPA
Michael Schock, EPA-ORD
Darren Lytle, EPA-ORD
Denise Fortin, EPA
Liane Shekter-Smith, MDEQ
Pat Cook, MDEQ
Stephen Busch, MDEQ
Brad Wurfel, MDEQ
Marc Edwards, Virginia Tech

From: Scott, Allison (GOV)
Sent: Tuesday, September 29, 2015 11:06 AM
To: Snyder, [PPI]
Subject: FW: Flint Water Timeline
Attachments: KWA & Water Quality Chronology Timeline.09-28-15.docx

fyi

From: Wisniewski, Wendy (GOV)
Sent: Tuesday, September 29, 2015 11:00 AM
To: Scott, Allison (GOV) <scotta12@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Flint Water Timeline

Per our discussion, attached is the draft timeline that Tom Saxton sent to Dennis

Wendy Wisniewski
Executive Assistant to Dennis Muchmore
and Beth Clement
Executive Office of Governor Rick Snyder
George W. Romney Building, 2nd Floor
111 South Capitol Avenue
P.O. Box 30013
Lansing, MI 48909
(517) 241-5601
WisniewskiW@michigan.gov

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

Flint Water Timeline (09-28-15)

June 26, 2012 – Letter from Flint EM Mike Brown to DWSD for permission to begin blending Flint River water with treated water from DWSD. The letter indicates that the DEQ is supporting this option and its implementation would save the City between $2M and $3M annually.

September 20, 2012 – Letter from Flint EM Ed Kurtz to DWSD requesting written permission to implement the blending option. Approval is requested by October 1, 2012.

October 31, 2012 – Analysis by the Flint Finance Director suggests that the annual cost to purchase water from DWSD will steadily increase to $23M per year by fiscal year 2020.

November 2012 – Treasury retains Tucker, Young, Jackson and Tull (TYJT) to evaluate the KWA proposal to the City of Flint.

November 6, 2012 – Letter from Flint Emergency Manager Ed Kurtz to State Treasurer Dillon that a proposal from DWSD is expected but that the initial assessment is that switching to KWA is in the best interest of the City of Flint.

February 2013 – TYJT issues a final report to Treasury on the comparison between Karegnondi Water Authority (KWA) and DWSD. Analysis suggests that the KWA option is the cheaper option for the City of Flint.

March 2013 – DWSD contacts the City of Flint to begin direct negotiations on a contract extension. Multiple options are provided to the Flint Emergency Manager (EM) Ed Kurtz.

March 26, 2013 – The Flint City Council endorses joining KWA.

April 11, 2013 – State Treasurer Andy Dillon authorizes Flint EM Ed Kurtz, pursuant to Section 12(3) of P.A. 436 of 2012, to enter into a contract with KWA if a final offer from DWSD is either not received for rejected in good faith based upon specific objections.

April 15, 2013 – DWSD provides a best and final offer to the City of Flint. Analyses by Flint EM Ed Kurtz, the Department of Environmental Quality and Treasury's Office of Fiscal Responsibility independently conclude that the KWA option is cheaper for the City of Flint.

April 16, 2013 –Flint EM Ed Kurtz informs the State Treasurer that the City will join KWA. This decision was officially announced May 1, 2013.

April 17, 2013 – DWSD transmits a letter to Flint EM Ed Kurtz terminating service to the City of Flint, effective April 17, 2014.

June 2013 – Groundbreaking for the Karegnondi Water Authority. Flint also requests full time use of the Flint Water Treatment Plant with Flint River water as a source.

June 28, 2013 – Financing Contract between the City of Flint and KWA is approved. Effective September 1, 2013. This document was signed by EM Mike Brown.

February 19, 2014 – The KWA Board of Directors adopts Resolution 2014-01, authorizing KWA to bond for water line construction on-behalf of the City of Flint.

April 17, 2014 – Water service from DWSD officially ends. The City of Flint also conducts two separate public forums regarding the use of Flint River water, upgrades to the City's water system and the overall cost of the switch to KWA.

April 25, 2014 – City conducts public event marking the transition to the use of Flint River water. DEQ information shows that transition complete by May 2015.

March 3, 2015 – Flint EM Jerry Ambrose provides a memorandum to Deputy State Treasurer Wayne Workman stating that a reconnection to DWSD will cost the City $10.1M/year and that water purchases could be as high as $1M/month.

March 12, 2015 – The City of Flint hires Veolia to conduct an operational evaluation of the City's water system.

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 8:02 PM
To: Snyder, PPI
Cc: Scott, Allison (GOV); Agen, Jarrod (GOV)
Subject: Flint water handouts/posters
Attachments: FlintWater_ActionPlan_100115.pdf; FlintWater_Tips_100115.pdf

Governor,

For review, these two attachments are the handouts and posters that will be used tomorrow. Both attachments didn't come through in Jarrod's previous email.

Josh

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- The Action Plan -

- Testing in Flint public schools immediately to ensure that **drinking water is safe**, with testing also available at no cost to any other school in Flint.
- **Expanding health exposure testing** of individual homes.
- **Offering free water testing** to Flint residents to assure their drinking water is safe.
- **Accelerating corrosion controls** in the Flint drinking water system.
- **Expanding a Safe Drinking Water Technical Advisory Committee** to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- **Accelerating water system improvements** to address replacing lead service lines.
- Expediting the completion of the **Karegnondi Water Authority** pipeline.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the **Flint drinking water public health adviser**.
- **Providing water filters** to residents with concerns or who are included in state assistance programs.
- Creating a **comprehensive lead education program** to make sure residents have detailed information about how to protect themselves and their homes.

To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1.
You can also email flintwater@cityofflint.com

Visit www.mi.gov/FlintWater for more information

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- Tips for Flint Residents -

Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.

1. Get your water tested at no cost to ensure water is safe. **To get your water tested**, please call the city of Flint Water Plant at (810) 787-6537 and then press 1.

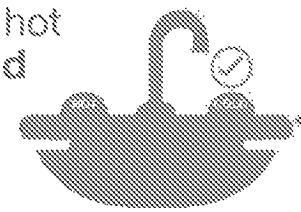
2. To ensure safe drinking water, you can also get a free filter. Please visit **mi.gov/FlintWater** to find where you can get a free filter.

3. If testing finds lead or other pollutants in drinking water from plumbing, then **flushing your pipes prior to using them** can significantly reduce your exposure.

To flush your pipes, run the water until it gets as cold as it will get. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 3 minutes if you have not used any water in hours.

If the City of Flint, **running the water for 5 minutes costs between 3 and 15 cents.**

4. Additionally, more lead gets into hot water than cold water. **Use only cold water for drinking, cooking and making baby formula.**



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From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 9:12 AM
To: Snyder, PPI
Cc: Agen, Jarrod (GOV)
Subject: Fwd: follow up

I stress the "Ballpark" nature of this estimate.

Sent from my iPhone

Begin forwarded message:

> **From:** "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
> **Date:** October 1, 2015 at 8:25:53 PM EDT
> **To:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Khouri, Nick (TREASURY)" <KhouriN@michigan.gov>
> **Cc:** "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
> **Subject: Fw: follow up**
>
> Dennis - in response to your earlier email; Wayne's guys came up with a ballpark estimate for reconnecting to DWSD. Let me emphasize 'ballpark'. They used your assumptions & they talked to Natasha H. after 5:00. Bottom line... the estimated cost is approx $10.5mm to reconnect until June '16.
>
> These numbers on their surface seem much improved over previous DWSD $offers. [Is Daddow in the loop on this ?] We need to give some more thought as to whether this is all inclusive. e.g., there might be some costs from turning down operations at the plant
>
> I am being told this can happen in a relatively short time i.e., less than a week. Which seems aggressive. Obviously that does not mean the lead concerns nor discolored water, etc goes away in a week. The pipe section they sold to the county won't be an impediment to this deal.
>
> There apparently are no 'upfront' costs we need to worry about. In theory, it seems like it can be paid over the 9-10 months (vs a lump sum). But I am not clear Dennis on those couple ideas/sources the Mayor & Senator mentioned i.e., at this point I am not sure where the $10.5mm comes from.
>
> My guess is we will keep refining this estimate. Let us know if you need anything else. Again, "credit " Wayne's guys for pulling this together quickly.

From: Cline, Richard (Treasury)
Sent: Thursday, October 1, 2015 6:08 PM
To: Saxton, Thomas (Treasury); Koryzno, Edward (Treasury); Byrne, Randall (Treasury)
Subject: RE: follow up

City's usage is 14 MGD/Day

Timeline is 9 months until June 2016

Fixed Cost is $662,100 for 9 months or $5,958,900

Commodity Rate is $501,383/month

Total Monthly Cost is $1,163,483

Cost until June 2016 is $10,471,347

The City does not know the cost to move the water plant into stand-by mode. However, they have indicated that there might be some reduced costs as lower chemical costs will be incurred.

Eric Cline | Department Manager | State of Michigan
Michigan Department of Treasury | Local Government Financial Services Division | Fiscal Responsibility Section
430 W. Allegan Street, 3rd Floor | Lansing, MI 48922
Lansing Office (517) 335-2078 | Cell Phone PPI | Traverse City Office (231) 922-5228
E-mail cliner1@michigan.gov

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From: Saxton, Thomas (Treasury)
Sent: Thursday, October 01, 2015 6:01 PM
To: Cline, Richard (Treasury) <cliner1@michigan.gov>; Koryzno, Edward (Treasury) <KoryznoE@michigan.gov>; Byrne, Randall (Treasury) <ByrneR1@michigan.gov>
Subject: follow up
Importance: High

I am getting ready to leave… what have you learned ?

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 10:31 AM
To: Snyder, PPI
Cc: Scott, Allison (GOV); Agen, Jarrod (GOV)
Subject: Updated Flint Water posters/infographics
Attachments: FlintWater_ActionPlan_100115.pdf; FlintWater_Tips_100115.pdf

Governor,

Attached are the updated infographics/posters with the action items reordered the way you suggested.

Josh

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

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- Testing in Flint public schools immediately to ensure that **drinking water is safe**, with testing also available at no cost to any other school in Flint.
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TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- Tips for Flint Residents -

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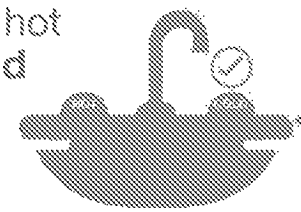
If the City of Flint, **running the water for 5 minutes costs between 3 and 15 cents.**

4. Additionally, more lead gets into hot water than cold water. **Use only cold water for drinking, cooking and making baby formula.**



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You can also email flintwater@cityofflint.com

Visit www.mi.gov/FlintWater for more information

From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 10:39 AM
To: Snyder, PPI
Cc: Agen, Jarrod (GOV)
Subject: Question to consider

It appears on the surface (without the deep dive we'll definitely do on it) that for $11M we can reconnect to DWSD system for the intervening time before KWA comes on line. That may well be the only way to bring any confidence back to the community. If you choose to do so, what if we created or expanding some revolving fund where Flint wouldn't have to start repaying until 2020 or whenever in the future to stretch the liability? If we needed to have a guarantee perhaps we could use the Escheats of the bottle bill money as a set aside or guarantor without having to touch the principal?

From: Lyon, Nick (DHHS)
Sent: Tuesday, October 06, 2015 9:23 PM
To: Snyder, PPI Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Hollins, Harvey (GOV); Wyant, Dan (DEQ); Baird, Richard (GOV); Agen, Jarrod (GOV); Roberts, John (DTMB)
Cc: Becker, Timothy (DHHS); Lasher, Geralyn (DHHS); Hertel, Elizabeth (DHHS); Grijalva, Nancy (DHHS)
Subject: Flint Water Filter Disfribution

The process of distributing water filters began on site today in Flint from the supply purchased by MDHHS.

909 were distributed at MDHHS offices.

1,869 were distributed at the local Community Action Agency locations.

1,624 were distributed to the Flint Housing Commission for installation at low income housing.

186 to early head start, Mott Park Neighborhood Association and Commissioners.

A total of 4,588 were distributed today.

It was a good first day and shows our commitment to action.

We will continue to provide updates on filters through Dan.

Nick

From: Wyant, Dan (DEQ)
Sent: Friday, October 09, 2015 4:57 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Dickinson, Sarah (GOV); Emmitt, Beth (GOV); Snyder, PPI
Cc: Wyant, Dan (DEQ)
Subject: 2015-10-09 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: 2015-10-09 Action Steps Week of October 12-16.pdf

Importance: High

Dear Governor,

Attached is our update for today, October 9, 2015.

We have included more information to the 26 Action Steps that we sent to you yesterday.

If you have any questions, please let me know. Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 12-16

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Identify schools and prioritize for assessment	GCISD, GCHD, DEQ, DHHS, and Flint	Steve Busch	
2.	Get DLARA plumbers organized	DEQ and DLARA	Steve Busch	
3.	Complete sampling instructions	DEQ, DHHS, and EPA	Pat Cook	
4.	MDARD information for restaurants	MDARD, DHHS, and DEQ	Dana DeBruyn	
5.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	
6.	Approve Flint plan for water line	DEQ, Flint, and Genesee County	Mike Prysby	
7.	Lead education plan for schools for drinking water	DHHS and DEQ	Liane Shekter Smith	
8.	Begin regular meetings with Flint	DEQ and Flint	George Krisztian	
9.	Schedule Water Treatment Plant tour	DEQ and Flint	George Krisztian	
10.	Meet with schools and DLARA – invitation only	DEQ, DLARA, and Flint schools	Karen Tommasulo	
11.	Update DEQ Web page	DEQ	Karen Tommasulo	
12.	Contact DHHS to see where they are with United Way regarding emergency declaration	DEQ and DHHS	George Krisztian	
13.	Circulate protocol draft with EPA	DEQ and EPA	Liane Shekter Smith	
14.	Contact city about homeowner sample delivery	DEQ and Flint	George Krisztian	
15.	Communicate to MDARD and Flint that business samples should be coordinated though DEQ laboratory	DEQ, MDARD, and Flint	Liane Shekter Smith George Krisztian	Liane to call MDARD and George to call Flint

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Figure out number of samples from schools and child care facilities	DEQ	Liane Shekter Smith Pat Cook Steve Busch	
17.	Confirm Linda Dykema is Point of Contact for DHHS	DEQ	George Krisztian	Done
18.	Contact KWA to find out if there are any bottlenecks we need to remove	DEQ and KWA	Mike Prysby	
19.	Expedite 399 Plan and Phosphate Plan	DEQ and Flint	Mike Prysby	
20.	Get update on service line index card conversion and identify where partial replacements exist	DEQ and Flint	Steve Busch	
21.	Make sure DHHS gets information so they can cross reference	DEQ and DHHS	Steve Busch	
22.	Legislative contacts	DEQ	Maggie Pallone	Conference call with Sen. Jim Ananich scheduled for October 12 at 3 pm
23.	Legislative time line and summary	DEQ	Maggie Pallone	
24.	Reconnect with State Superintendent Brian Whiston	DEQ and Department of Education	Dan Wyant	Mary Beth Thelen to schedule
25.	Conduct After Action Plan	DEQ	George Krisztian	To be scheduled for October 15
26.	Change Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone Liane Shekter Smith Sonya Butler	

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 13, 2015 3:51 PM
To: S[redacted]
Cc: C[redacted] Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: FW: flint documents
Attachments: Flint public works.pdf; Flint water quality.pdf

PPI

FYI. For your background.

From: Workman, Wayne (TREASURY)
Sent: Tuesday, October 13, 2015 10:02 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>
Subject: FW: flint documents

Here is the Interim report from February also

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Dempkowski, Angela (Treasury)
Sent: Tuesday, October 13, 2015 9:49 AM
To: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Subject: flint documents

Randy asked me to get these to you to give to Dennis Muchmore.

Angela Dempkowski
Senior Executive Management Assistant
Department of Treasury

From: Ducat, Penny (Treasury)
Sent: Tuesday, October 13, 2015 9:43 AM
To: Dempkowski, Angela (Treasury) <DempkowskiA@michigan.gov>
Subject: scan

Penny L Ducat
Bureau of Local Government
430 W. Allegan
Lansing, MI 48922
Email: ducatp@michigan.gov
517 33-50443

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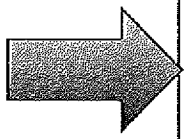
City of Flint, MI
City Council Public Works Committee
Interim Water Quality Report

Veolia Scope of Work

Week 1

- Provide a review of current actions
- Engage staff, visit facilities and analyze data
- Make interim report



Week 2

- Carry out more detailed study of initial findings
- Make recommendations for Improving water quality
- Provide a plan, cost and schedule for change

Items of Note

- **Not in scope** – studying why the change from DWSD or the history of the utility
- **What we found** – A very frustrated community and a staff trying to solve the problem, having some success but frustrated with the pace of change

Everybody Is Checking the Safety of Water

- City, state, news media, universities and other groups
- Safe = compliance with state and federal standards and required testing
  - *Latest tests show water is in compliance with drinking water standards*
  - *Monthly report available on web page*
- More than 20,000 tests required annually for city
- Strict testing requirements in place (what and how to test)

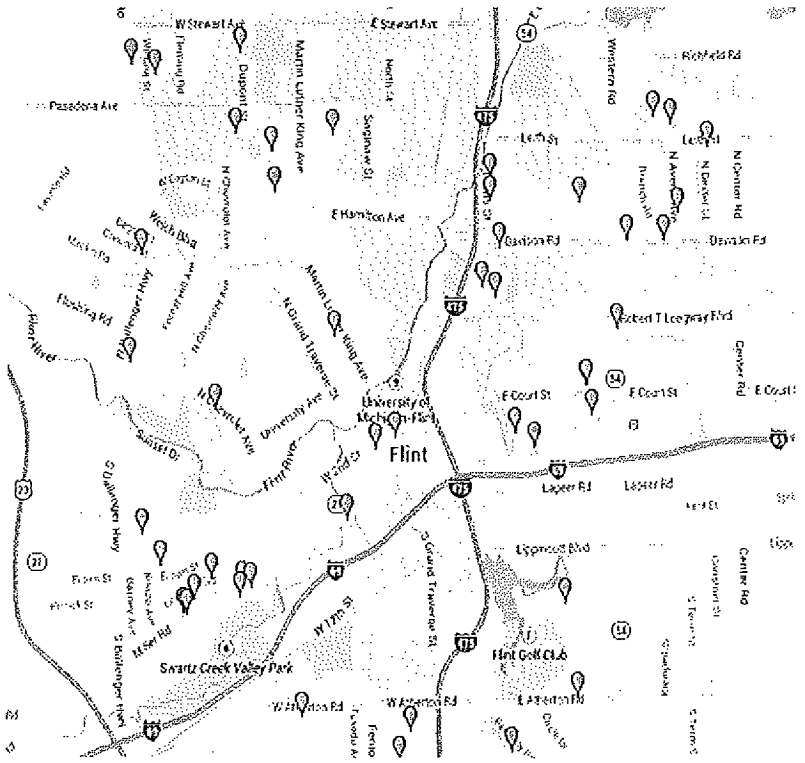
Why TTHM Notices?

- TTHM is formed as a result of the reaction between chlorine and organic material in the water
- City is required to test quarterly at 8 sites
  - *Last summer, several sites had more TTHM than allowed*
- City has reduced levels of TTHM and now all sites are in compliance
  - *Customer notification letters are required until tests are in compliance an average of four quarters*
- It will take at least 2 more quarters to lower average
  - *Even a change to DWSD water doesn't solve problem*
- Flint is not alone – hundreds of communities are facing TTHM issues

Why Discolored Water?

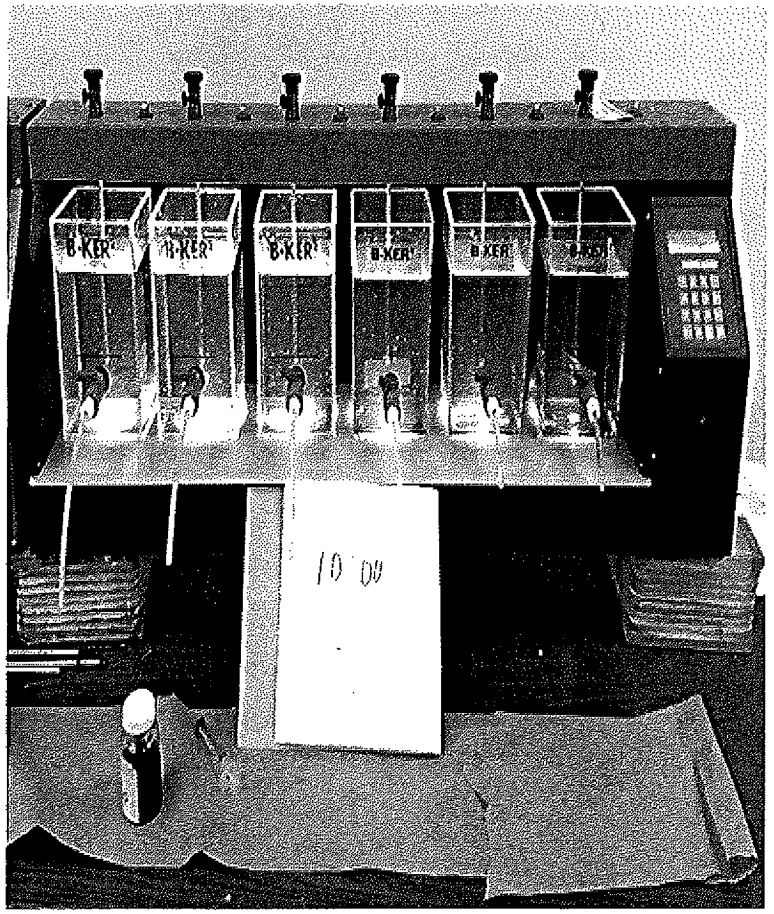
- Old cast iron pipes
- Always has been some discolored water problems – mostly after water breaks
- Efforts to reducing TTHM didn't help discoloration
  - *Doesn't mean the water is unsafe but it is not appealing and raises questions*
- City will test the water at your home – call 787-6537 or email flintwater@cityofflint.com
- Tracking customer complaints is important

Location of water quality complaints
The last 12 months – fewer than you think



Water Quality Can Be Improved

- Adjust the chemicals being fed – stop some, increase some and change some
- Provide better monitoring of water quality to help make adjustments
- Continue repair or replacement of broken parts
- Reduce the over capacity of the distribution system
- Do a better job explaining what is happening
- Do a better job of asking for help



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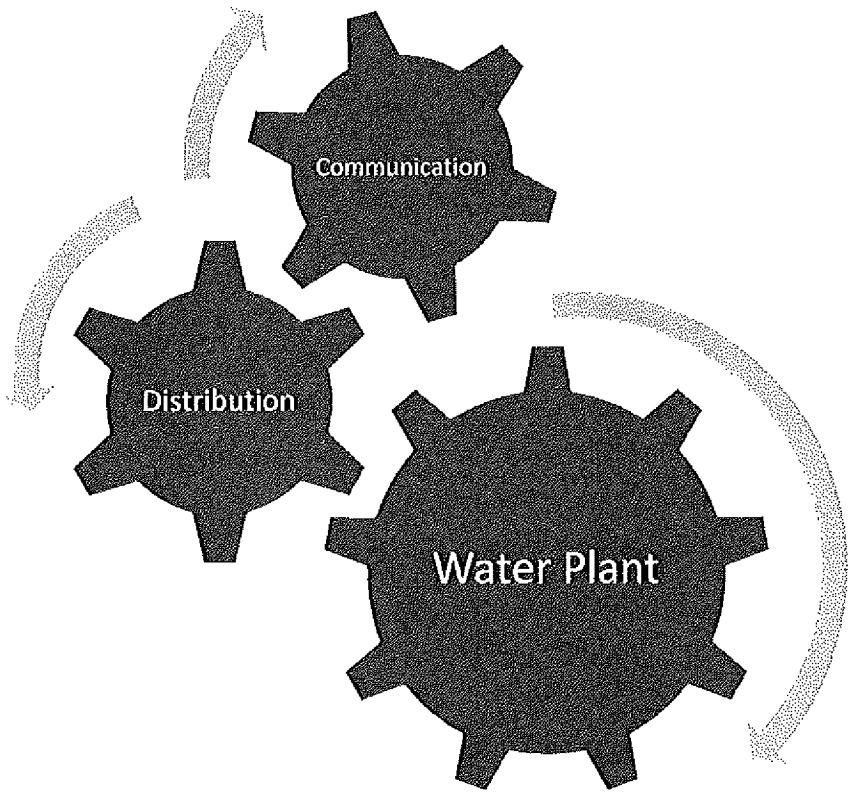
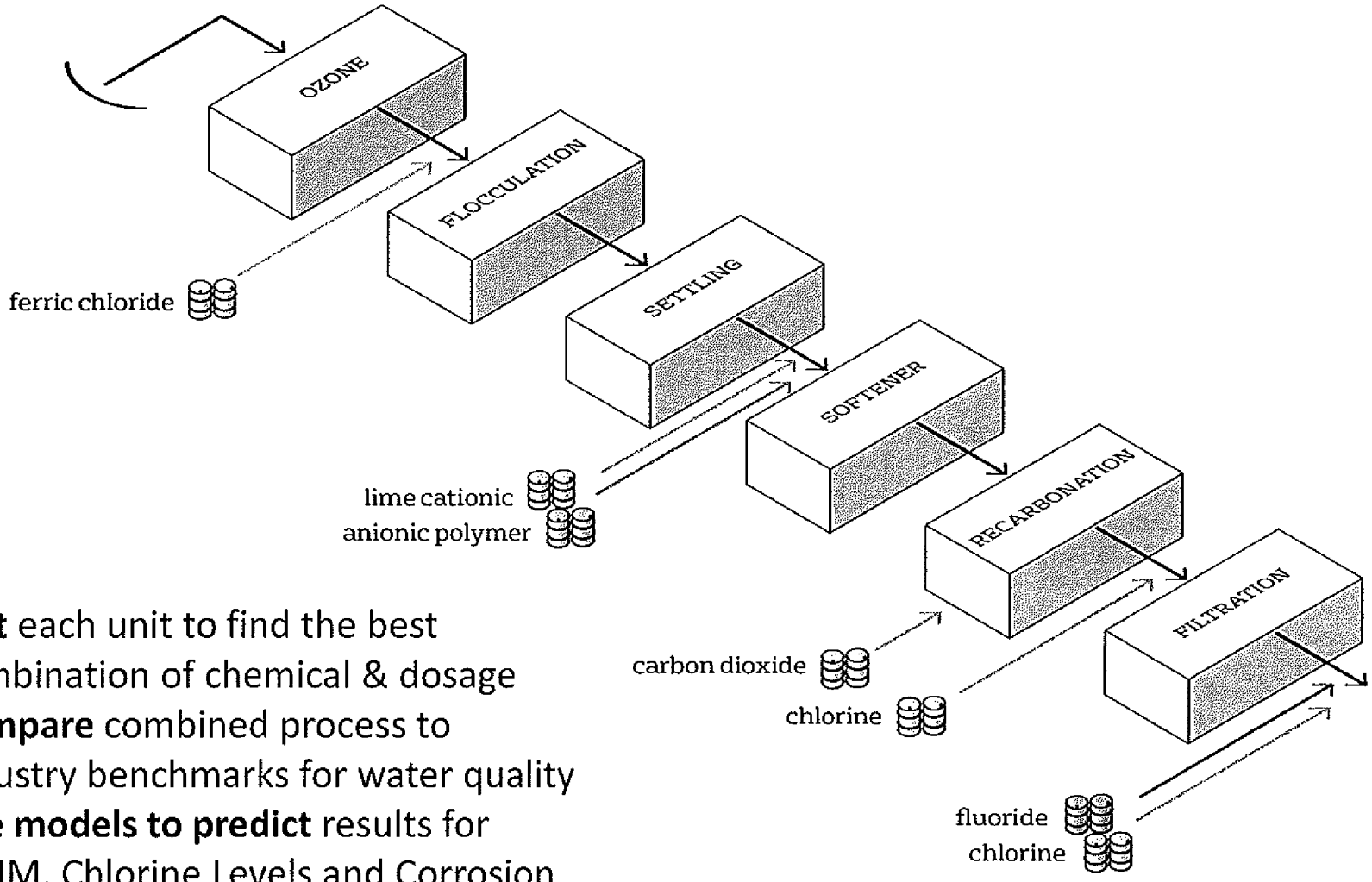
Further Explanation of Solutions

Solution Involves Coordination of 3 Activities



- Water plant improvements
  - *Optimize chemical dosages*
  - *Consider different chemicals*
  - *Change dosing points*
  - *Install granulated activated carbon*
  - *Complete plant upgrades*
  - *Implement best mgt practices*
- Distribution system improvements
  - *Fix broken valves*
  - *Ask for customer feedback*
  - *Reduce tank storage*
  - *Target line flushing*
  - *Run a hydraulic model*
- Better communication with customers
  - *Engage advisory committees*
  - *More accessible utility*
  - *Make it easy to access information*
  - *Better customer communication*

Optimize Plant Processes



- **Test** each unit to find the best combination of chemical & dosage
- **Compare** combined process to industry benchmarks for water quality
- **Use models to predict** results for TTHM, Chlorine Levels and Corrosion

Complete Plant Construction & Re Prioritize Capital

Cost effective plan in budget

- Complete water plant renovation
  - *Target SCADA and instrumentation in plant*
- Speed up valve turning contract & provide money for replacements
- Speed up hydraulic model update to reduce tank volume
- Evaluate installing of granulated activated carbon on filters

Weather can impact timing

Digging up a water valve for repair
Need good weather to start

Implement Best Management Practices

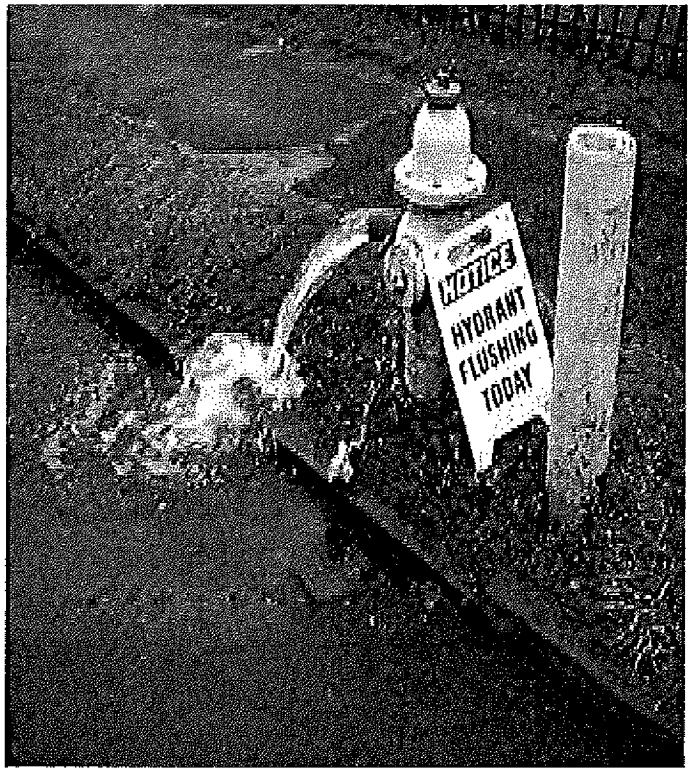
<u>Activities to Help Operators Maintain Good Water Quality</u>

- Process Control Management Plan
- Lab QA/QC Program
- Computerized Maintenance Management System
- Asset Management System
- Training and Certification Program
- Vulnerability Plan

Distribution System Improvements

- Speed up flow of water from plant to homes – 2 weeks plant to house
  - *Find closed valves & open them*
  - *Replace broken valves*
  - *Update hydraulic model*
  - *Reduce system storage*
- Track customer complaints
  - *Test customer water*
  - *Spot flush hydrants to clean areas of stagnant water in the system*

Flushing out discolored water



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Improving Customer Service

Make It Easy to Access Information and People

Develop a proactive customer communication plan

- Create advisory committees to help direct efforts and improve flow of information
- Establish a single point of contact to manage all water quality complaints
- Provide additional customer service training to staff
- Expand neighborhood and community outreach
- Change monthly billing statements from card to envelope with information

Example - Communicate in the field

NOTICE: ANNUAL FLUSHING PROGRAM

We are conducting our annual flushing program to enhance your water quality and clean the distribution system.

DC Water crews will be flushing hydrants in your area 10:00 p.m. to 6:30 a.m. on the following dates:

9/24 **through** 9/30

IMPORTANT INFORMATION

- Your water supply will not be shut off during hydrant flushing.
- You may notice slight water discoloration or low water pressure.
- During this time, customers can continue normal water usage, including drinking, bathing and laundry (unless water is discolored).

If you experience discolored water during this period:

- Run your cold water taps for 15 minutes. If it does not clear up, please contact our Drinking Water Division.
- Do not run your hot water. If you experience discolored water from your hot water tap for several hours, then it is recommended to drain and flush your water heater tank.

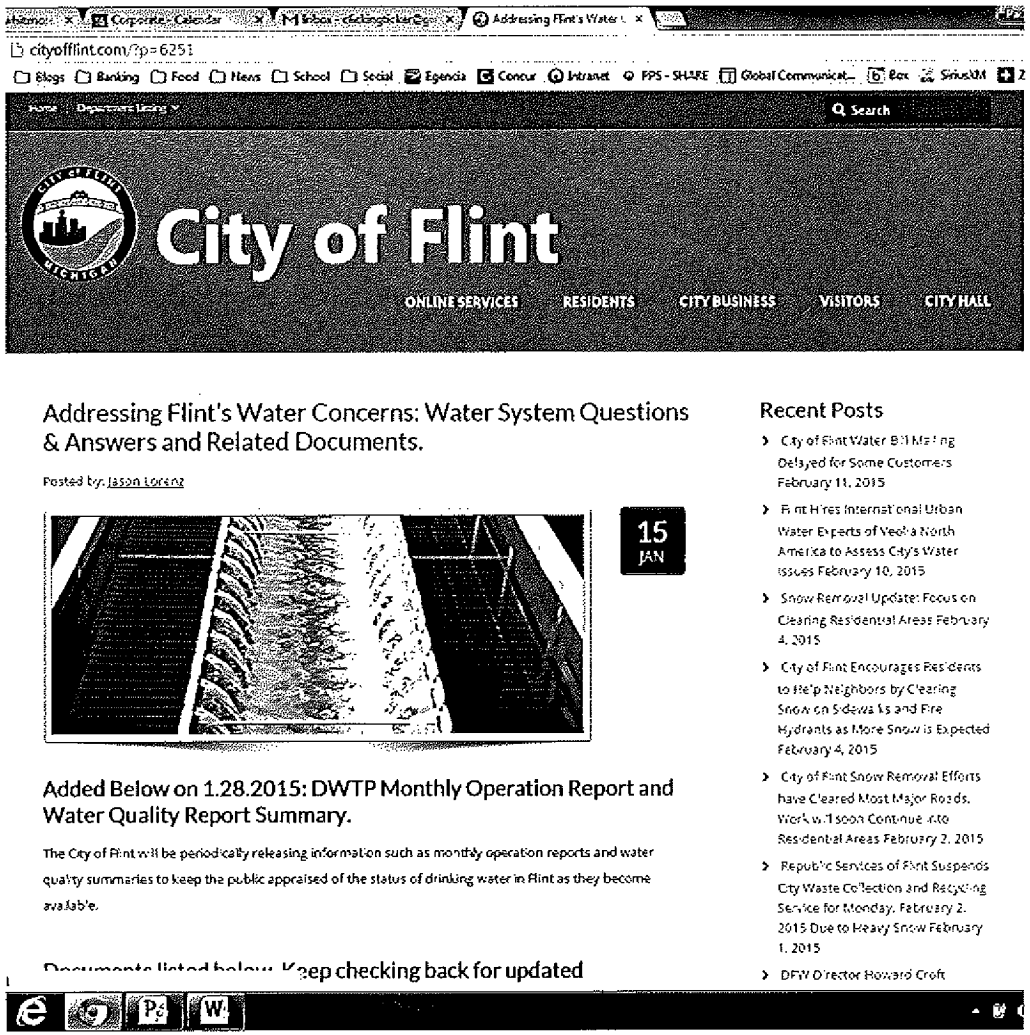
Provide field crews with additional communications tools to use to address questions or concerns from the public

Create door hangers, flyers, or yard signs to notify neighborhoods about main breaks, hydrant flushing, or system maintenance that may affect the public

Create a business card or other contact card with the name and phone number of the single point of contact with the Department of Public Works who is managing information flow

****sample door hanger provided by DC Water & Sewer Authority***

Clear, concise information is key



- **Simplify the reports on the web page dedicated to addressing water system questions**
  - ***Create a single-page, easy to understand report for the public***
  - ***Use charts or provide other examples to demonstrate water quality testing and system or treatment plant improvements underway***
  - ***Provide name, phone number and email address for identified point of contact so customers can request more information***
  - ***Continue to provide Monthly Operation Report and Water Quality Report Summary for those customers interested in more technical information***
  - ***Use site to provide additional notice of field work that may impact customers***

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What Is Next

Next Steps

Week 1

- Provide a review of current actions
- Engage staff, visit facilities and analyze data
- Make interim report

Week 2

- Carry out more detailed study of initial findings
- Make recommendations for Improving water quality
- Provide a plan, cost and schedule for change

Questions Being Heard

REMEMBER

We just started. Might not have an answer yet to your question

- **When will water improve -** The water has improved with current actions. More changes will occur over weeks and months because of safety reviews
- **Date of next update and final report** – An update will be provided next week and a report the following week.
- **Time frame for implementing recommendations –** The City is already started. Others a few days and some weeks or months due to State approval being required or weather.
- **Cost of changes** – Don't know yet but we are aware of the financial concerns

More Questions Being Heard

- **How are TTHM formed –** It's the reaction of chlorine to organics (leafs, dirt) in the water.
- **How to reduce TTHM –** Reduce organics before introducing chlorine and shorten time chlorine has to react with the organics
- **What causes discoloration –** Older lines, the iron parts of the system will leach iron into the water causing the discoloration. Other times its just air built up.
- **Why no discoloration with DWSD –** There was. Flint had a bad time with breaks of old line and is doing lots of construction. This stirred up the water and caused discoloration.

More Questions Being Heard

- **Can you test my water** – The city will test your water for free. But, only 2 of 20 people have taken the city up on the offer since it began offering the service.
- **Medical problems** – Some people may be sensitive to any water. Talk to your doctor. The City is communicating with the medical community.
- **Confidence that future problems will be avoided** – Recommendations will include putting programs in place to better respond to water changes and assure quality

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Questions?

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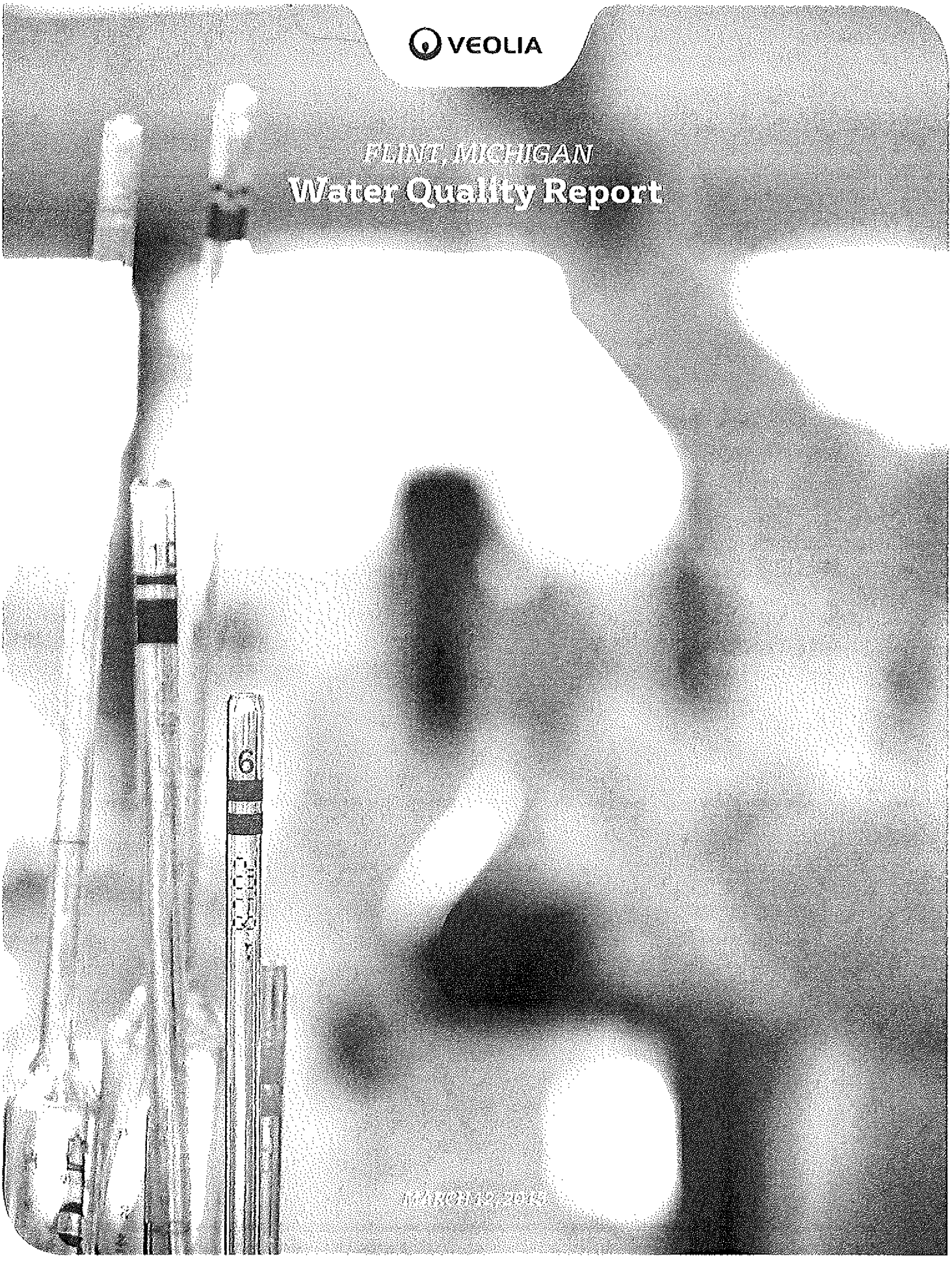
FLINT, MICHIGAN

Water Quality Report



Water quality report 1
> Executive Summary 1
> Review of actions taken to date 2
> State report 3
> Veolia's recommendations 4
> Conclusions and next steps 9
> Results expected 11

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Water Quality Report
March 12, 2015

FROM
Veolia North America

TO
Emergency Manager Gerald Ambrose

Executive Summary

The City of Flint changed water sources, transitioning from Detroit's system to the Flint River. This change created water treatment challenges that have resulted in water quality violations. Aging cast-iron pipe has compounded the situation, leading to aesthetic issues including taste, odor and discoloration. Public interest and scrutiny of the drinking water system intensified following the distribution of required public notices of violation.

The City of Flint has made a number of good decisions regarding treatment changes that have improved water quality. However, this is a very complex water quality issue and the City is seeking additional advice on what to do to ensure healthful drinking water for the community.

Veolia appreciates the City's decision to seek independent third parties to review current treatment processes, maintenance procedures and actions taken to date, and provide ideas for improvement. We are pleased to present this final report to the City of Flint following our experts' 160-hour assessment of the water treatment plant, distribution system, customer service and communications programs, and capital plans and annual budget.

This report provides recommendations and a roadmap for improvement, though our engagement was limited in scope. Our assessment included reviewing actions taken by the City to date, validating the City's plans going forward, and making recommendations for ideas not being considered.

Although a review of water quality records for the time period under our study indicates compliance with State and Federal water quality regulations, Veolia, as an operator and manager of comparable utilities, recommends a variety of actions to address improvements in water quality and related aesthetics including: operational changes and improvements; changes in water treatment processes, procedures and chemical dosing; adjustments in how current technologies are being used; increased maintenance and capital program activities; increased training; and, an enhanced customer communications program.

We are also providing a recommended schedule and estimated costs for implementing changes. It is our desire to help Flint residents and public officials better understand the current situation so that informed decisions can be made to ensure safe drinking water for the city's customers.

Review of Actions Taken to Date

To address water quality issues, the city has made operational changes, sought help from the State, hired engineering firm Lockwood, Andrews & Newnam, Inc. (LAN) to provide additional advice, and hired Veolia for an assessment from a utility operator's perspective. The City has also reached out to different specialty vendors (chemical suppliers, filter companies and tank aeration companies) for information about products to help with the TTHM issues. These are logical steps to take.

Flint is not alone in dealing with TTHM problems, as many utilities across the country are facing this challenge. The City appears to be following standard steps that many of those communities are taking to successfully correct the problem.

Although the primary focus of this review was based on solving the TTHM problem, the public has also expressed its frustration over discolored and hard water. Those aesthetic issues have understandably increased the level of concern about the safety of the water.

The review of the water quality records during the time of Veolia's study shows the water to be in compliance with State and Federal regulations, and, based on those standards, the water is considered to meet drinking water requirements.

The City has been proactive in its efforts to reach out to the medical community, to set up a phone number and email address to receive complaints, to post State Water Quality reports, to provide the list of EPA required water tests, and offer to test the water at customers' homes.

From our review, these numerous efforts demonstrate how the city is trying to be transparent and responsive beyond what many other communities might do in similar circumstances.

State Report

The Michigan Department of Environmental Quality (MDEQ) has requested specific actions be taken related to the total trihalomethane (TTHM) issues. The February 2015 report from LAN (*Operational Evaluation Report TTHM Formation Concern*) indicated apparent reasons for the elevated levels of TTHM in the distribution system. These generally relate to high Total Organic Carbon (TOC) in the water source, improperly operating equipment both in the plant and the distribution system, less-than-optimal plant TOC removal and old cast-iron pipe in the distribution system. **Our assessment confirms that these reasons are likely given our on-site laboratory testing and analysis, as well as our first-hand observations.**

Due to time constraints, LAN's report to the State was submitted prior to Veolia's final analysis and recommendations, and contained a number of key initial and contingent steps the City should consider, including:

Initial Actions

- Hire a Third Party Water Quality Expert to Complete Independent Audit
- Obtain a THM Analyzer
- Carry Out Jar Testing
- Water Plant Optimization Softening
- Water Plant Optimization Disinfection of Filter Beds (Pre-Chlorination)
- Water Plant Optimization Polymer Aid to Coagulation and Flocculation
- Increase Water Main Flushing
- Water Modeling Cedar Street Pump Recirculation
- Water Modeling West Side Pump Recirculation
- Broken Valve Locations
- Increase Flushing

Contingent Actions

- Fix Ozone System
- Start Feeding Coagulant and Flocculation Polymer
- Convert to Lime and Soda Ash Softening
- Change Disinfection to Chloramine or Chlorine Dioxide Temporarily
- Install Pre-Oxidant at Intake
- Replace Filter Media Implement Advanced Treatment
- Increase Main Flushing
- Continue Valve Replacement
- Emphasize Cast Iron Pipe Replacement

Veolia's Recommendations

While many of Veolia's recommendations match the initial assessment provided by LAN, our approach, as an operator and manager of comparable utilities, considers a more comprehensive solution. These improvements include operational changes, differences in water treatment regimes and chemical dosing, increased maintenance, and increased training.

- **Addition of Permanganate** – The addition of a permanganate chemical will help reduce ozone demand as well as chlorine demand. The reduction of ozone is needed to help eliminate the possibility of violating the bromate limit. The addition of the chemical will require state approval, submission of design documents for approval, procurement of the equipment and installation. The State has indicated they will work with the City on expediting review and approval of any requested changes. The required dosage of permanganate is estimated to range from 0.5 mg/L to 1.2 mg/L with a corresponding price of $160,000 to $320,000 per year. (Please note – The water in the river is dynamic which means it will change with weather, seasons and other factors. The estimates provided are based on bench testing at a given time and as such require the operators to test water and to verify chemical dosages on a frequent basis.)
- **Reduction of Ozone Feed** – Treating water is a delicate balance - increasing ozone to fix the TTHM problem can raise bromate levels to a point of violation. The introduction of permanganate is being recommended to reduce the demand for ozone so that feed rates will not exceed 5 mg/L. The current ozone dosing has been as high as 8 mg/L and, as such, if allowed to continue, will increase the risk of violating the bromate levels.
- **Increase of Ferric Chloride** – Four coagulants were tested by Veolia -ferric chloride, ferric sulfate, polyaluminum chloride (PACl) and aluminum chlorohydrate (ACH). Ferric chloride and ACH were found to be the best choice of product for effectiveness in removing TOC, a precursor to TTHM formation. Current ferric chloride dosages are too low and dosages of 100 mg/L or more are recommended. Again, please note, that the amount of chemical needed changes with the nature of the river and as such, water must be tested multiple times a day with corresponding changes in chemical dosages. This increase to 100 mg/L is twice what is currently being fed and much higher than what had previously been fed last year. The increase in chemical costs could be up to $1,000,000 per year. This change in dosage (using ferric chloride) can be made immediately without state permit review.
- **Reduction of Lime** – Lime is currently being overfed. A higher dosage of lime does not necessarily mean better treatment. A review of different dosages with jar testing indicates that the current dosage of 280 mg/L can be reduced to 230 mg/L. This represents a potential range of savings of up to $270,000 per year. This change can be made immediately. It should be noted that the current softening equipment is in poor condition, which does complicate the treatment process with a poor balance of flow between the two basins, weirs that are not level causing bypassing with the softener basins, and simply old mechanical equipment that periodically breaks down. This equipment is not going to be needed when a change to lake water occurs. Addition of soda ash to help further reduce hardness in cold weather might require dosages up to 40 mg/L with an annual chemical cost up to $320,000. There have also been some questions or complaints from the public regarding hard water. The water entering the plant is currently 360 mg/L and the plant is reducing that level of hardness to about 210 mg/L. Optimization of the dosage can reduce the hardness

further to about 180 mg/L. This reduction however has been sporadic as equipment breakdowns and high flows have caused problems keeping the softening process on-line. As we have noted before, the dosage needs to be adjusted daily or more often based on process control monitoring. The raw water hardness in the summer is much less than in the winter. For illustration purposes, the difference could be 360 mg/L in raw water in winter compared with 220 mg/Lin the summer.

- **Eliminate Pre-Chlorination on the Filters** – The reduction of pre-chlorination on the filters during the summer months can help reduce TTHM formation. This action has to be considered carefully with procedures documented and reviewed for engineering principles. As such, it will take time for the design engineer to determine what could be done to assure the proper chlorine contact time and document that other safety protocols in water are met. This requires state approval. Any submission should be considered along with a possible change in filter media. If Granulated Activated Carbon (GAC) is installed then the pre-chlorination would be stopped or drastically reduced because of the chlorine impact on the GAC filter media. Veolia's initial investigation into changes in chlorine feed point indicate that the recommended action can be accomplished while maintaining the required regulatory contact time for disinfection.
- **Change Filters to Granulated Activated Carbon (GAC)** – The object of the other changes being made is to reduce the TOC before chlorine is added into the process. The plant by design is limited on the amount of TOC removal possible. A maximum removal of only 60% is likely if the plant is properly optimized. The change of filter media to GAC would provide the best reduction possible and provide better than 90% removal dramatically reducing the potential for TTHM formation and thus ensuring compliance with that parameter for the water system. The change in filter media; however, is complicated requiring approval by the state, design of the changes, procurement of the media and a contractor to install it. That will take time and is likely in a range of $1.5 million (more or less) in cost. The use of GAC also requires more testing and monitoring of the media and the TOC than with the current media. GAC will accumulate TOC and begin to become in effective after a period of time. Depending upon the level of TOC reaching the filters this could be as short as 3 months and as long as 9 months. The amount of TOC is dependent upon the river water quality and operation of the other plant processes. Once the ability of the filters to remove TOC is diminished, the GAC media has to be replaced if river water continues as a source. The change to lake water will not require TOC removal and the media could continue to be used as filter media for that new water source.
- **Corrosion Control** – The primary focus of this study was to assure compliance with the TTHM limits. That is not the only problem facing the city and its customers though. Many people are frustrated and naturally concerned by the discoloration of the water with what primarily appears to be iron from the old unlined cast iron pipes. The water system could add a polyphosphate to the water as a way to minimize the amount of discolored water. Polyphosphate addition will not make discolored water issues go away. The system has been experiencing a tremendous number of water line breaks the last two winters. Just last week there were more than 14 in one day. Any break, work on broken valves or hydrant flushing will change the flow of water and potentially cause temporary discoloration.
- **Eliminate a Storage Tank** - The water system has more storage than it requires, due to excess capacity in the water lines in combination with the storage tanks. The City has already employed LAN to update the hydraulic model. The hydraulic model should be used to help determine if water levels can be lowered further and even to remove some storage tanks from service. That decision may need to be made

seasonally. For example demand during water main breaks last week required extensive amounts of water. The excess storage is more a problem with TTHM formation for the system in summer than winter.

- **Prioritize Valve Replacement** - The hydraulic model shows long water age in portions of the system that appear to be contributing to the TTHM problems. LAN has updated the model to include the location of broken valves and that added information is being used to identify other system problems. The City has a contract for valve turning and repair work that should be focused on known broken valves, particularly in sections of the distribution system with old water age. This activity however must wait until warmer weather in fear of causing problems in the water system with lines freezing.
- **Target and Increase Flushing** – Flushing the fire hydrants can be useful in cleaning out lines to minimize discolored water complaints and also helping reduce the age of water. This DOES NOT mean just opening hydrants. The hydraulic model needs to be used to determine which hydrants should be opened and for how long to ensure the lines are properly cleaned. For example, this might require 15 minutes or even several hours of flushing depending on location. The flushing of hydrants also needs to include records of hydrant condition, color of water initially and after periodic increments plus chlorine residual testing. All of that information will help provide information to the engineers on the effectiveness of the procedure. Each crew doing the work should be trained to help explain the process to the public and also warn neighborhoods about flushing so that staining of laundry can be avoided.
- **Change to Lake Water** – The changes being made now to the water plant will not be the same changes required to treat lake water once it becomes available. A thorough analysis and plan needs to be made in preparation of that switch. This is going to need to include changes in how the plant is operated, like eliminating lime softening and reducing the dosages of many chemicals. Consideration will also have to be given to algae treatment when lake water is being used.
- **Operating Programs** – All of the changes discussed above are based on testing and techniques proposed by engineers and skilled operators of both LAN and Veolia. The staff will need further training and implementation of detailed protocols to successfully implement the changes and to ensure long-term success at the plant. This means the City needs to implement a series of programs to ensure success in these changes.
    - **Process Control Management Plan** (PCMP) – The amount of testing and resulting changes in chemical dosages, along with monitoring the impact on the water, will require a well-documented process that all operators follow. An example of this is jar testing, which is used by the operators to identify the most effective chemicals and dosages to optimize treatment. The staff understands the basic treatment process but needs further practice and training to become proficient in the use of routine process control to adjust for water quality. This is commonly referred to as a PCMP and is used as a standard operating procedure so that the operators on the day shift can communicate with the night shift, that operators are following the same treatment plan for water, that the adjustments are unified between different shifts and different people, that a desired water treatment quality is defined and variations from it signal alarms and that the staff knows what to do when the water quality setpoints begin to drift away from its desired quality levels.
    - **Lab QA/QC** – The operation of the water plant is dependent upon accurate lab results. Standard operating procedure needs to be set and lab technicians trained in that process. EPA and the State

set procedures and standards to be met and the staff should strive to meet those standards. The City has already purchased a TTHM analyzer but should also consider a TOC analyzer that can be an online continuous device to provide immediate information on influent and effluent levels of TOC. Part of the lab records should be historical review of data to help operators better understand the changes they make in the plant.

- **Maintenance Management** – The key to water equipment is having all the equipment effectively maintained and functioning properly. The current capital program is fixing many broken pieces of equipment and updating the plant to current standards. This however must be followed with a rigorous maintenance program that ensures the proper preventive maintenance, is able to predict when maintenance is needed to keep equipment functioning properly and responsive to changes in flows and source water quality.
- **Training** – The changes being suggested are new to the staff and as such training needs to be provided in what the changes involve, why they are being made, the impact on the water quality, and how best to run the plant. A good demonstration of skill level is for the staff to become certified by the State as a licensed water plant operator. Many utilities now require all operators to hold at least the minimum certification level as a starting point and offer incentives to increase their certification level.

- **Communication Program** – The city should lay out an immediate, written strategy for communicating with the public in the short-term, as well as a 6-to-12 month strategy that contemplates known, future events like the KWA pipeline and switch to lake water. A wide range of activities are underway to work with the public but a comprehensive and coordinated effort, with a strategic focus, will help the utility and its customers.
  - **Dedicated Communications Personnel** – The City has a single, dedicated public information officer, tasked with providing service to all of city government. The current focus on communications support for Public Works, and the anticipated needs over the next several years, indicate the city would benefit from the hiring of a staff person in Public Works who could establish a communications program designed to provide clear and concise information to a broad audience though a number of different channels. In the interim, the city could hire a communications intern, local communications firm, or somebody with experience who is able to provide reduced or no-cost services for the immediate future.
  - **Communications Planning – Public Notification** – The City should be congratulated on its efforts to keep the public informed. It is posting its monthly reports on the web page to provide transparency, though these reports are highly technical – and may be too technical for the customer base at large. They are valuable to those customers who do want this level of detail. The city should create a single-page dashboard of information that outlines the water utility's performance for the previous month, post the dashboard on the website, print copies for distribution at customer service or other reception areas, and be provided during speaking engagements or other events. This dashboard should be easy to understand, and include:
    - The number of water quality tests conducted the previous month
    - The number of violations reported

  - Whether these results are in or out of compliance
  - Information about other proactive measures such as main and hydrant replacements, or other programs to improve performance of the water utility
  - Benchmarking information so the reader has a greater understanding of how Flint compares with other similar utilities in the region and across the country

- **Public Meetings** –There should be additional, proactive coordination with neighborhood, community and civic groups to provide speakers on timely topics. Given the list of numerous responsibilities, the Public Works director cannot do it alone – the city should identify three or four other staff members, knowledgeable about the water utility who can also speak to various groups, provide information and answer questions. The development of an outreach strategy to target key neighborhood, community and civic groups also will advance the communications effort and the dissemination of information in both the short and long term.
- **Standard tools** – Work crews in the field are often the faces of the utility – the city should create standardized tools for communicating with the public that can be easily and quickly delivered to the community in the event of main breaks, flushing or pre-planned capital improvements. Tools should include:
  - Door hangers for individual distribution
  - Yard signs with simple messaging to be placed near work-sites
  - A simple tri-fold brochure with useful information about the utility and appropriate contact information
  - Specific flyers about a range of topics
  - Infographics about how the water system works, from the intake to the customer's site
- **Change in Billing Format** – The City currently has no real way to reach all customers on a regular basis and provide information. The city should consider changing from a billing postcard to using an envelope and bill stuffer. Monthly or bi-monthly bill inserts are typically used to provide educational material for customers and are standard ways to provide information. Understandably, budget considerations must be taken into account.
- **Use Public Affairs Programming and Opportunities** – The news media has been covering this topic quite extensively – there are other media-related opportunities that may reach a wider audience. Taking advantage of these opportunities will help the city relay information to its customers and the community.
  - Participate in regular editorial-board meetings to provide background information and updates on key milestones or events.
  - Identify a local weekly television program and offer to provide guests to speak about key milestones or upcoming events.

Conclusions and Next Steps

The focus of this report is to help assure TTHM compliance and then improve general water quality. The City had good results in its most recent TTHM tests, although that is to be expected with the changes made to date and the cooler weather which contributes to low TTHM formation. Warm weather will be a different situation both in the nature of the Flint River water quality and in the formation of TTHM. With those changes coming, the City needs to act quickly to make improvements before additional testing takes place this spring and summer. The summary below provides the recommended actions, a priority for their implementation and projected costs either operational or capital. The costs are rough orders of magnitude and will vary with changes in water quality, operational decisions, and engineering choices being made and in some cases require State approval. Although a priority is assigned many of these actions can take place simultaneously.

Priority	Action	Annual Operational Cost	One Time Capital Cost
1	Implement operating programs for process control, lab QA/QC, maintenance, and training. These programs are needed regardless of the TTHM issue and will help with transition to lake water. The City has decided upon a central maintenance software and the water system should be the first to utilize this program since costs are already budgeted. These programs should be initiated immediately.	$ 25,000	$ 250,000 - $ 350,000
2	Contract with your engineer and initiate discussions with the State on the reduction of chlorine prior to the filters and changing the filter media to GAC. This activity has the longest time frame for design and approval, but also is extremely critical to assuring reduced TTHM production. The current filter cleaning and maintenance project needs to be adjusted to take into consideration the change in filter media both to dispose of the anthracite instead of cleaning and to install the GAC. This entire project needs to be done by early July to assure a flow of water throughout the system. Several months are required for the engineering design, State approval, bidding of work and installation of GAC and as such needs to begin now.	$ 0	$1,500,000
	Contract with your engineer and initiate discussions with the State on the addition of 0.5 to 1.2 mg/L of either potassium permanganate (dry) or sodium permanganate (liquid). This will take time to get approved and to implement. The use of liquid tanks at the raw water pump station may be the quickest and least expensive alternative for a temporary measure.	$ 160,000 - $ 320,000	$ 50,000

	Contract with your engineer and initiate discussions with the State on the addition of a corrosion control chemical. This action can be submitted and discussed with the state at the same time as the other chemical and filter changes saving time and effort. A target dosage of 0.5 mg/L phosphate is suggested for improved corrosion control.	$ 50,000	$ 50,000
3	Increase the ferric chloride dosage to 100 mg/L depending on river water TOC levels. (Lower TOC levels can be treated with less ferric chloride.) This change can be made now and is allowed by the State.	$ 1,000,000	$ 0
	Reduce the ozone feed rate to 5 mg/. This change can be done now and does not require State approval.	($50,000 – $100,000	$ 0
	Reduce the lime dosage to minimize hardness levels after softening. This will eliminate magnesium removal during treatment, but will also reduce total hardness. A reduction in carbon dioxide dosing for recarbonation treatment also is expected due to the reduction in lime feed. This change can be made now and does not require State approval.	($270,000)	$ 0
4	Confirm with the engineer when the revised hydraulic model will be completed and if necessary for time to focus on areas of longest water age if that would speed up the effort. Identify impact of reducing tank levels or eliminating a tank seasonally to improve water age. Include with this effort a list of hydrants to flush along with time required to assure drawing fresh water through the system. The engineer has been assigned this task already and confirmation of the timing of a delivery is needed.	$ 0	Already Contracted
	Ask the engineer to identify closed valves on a map that are impacting water age and that can be bid for replacement as soon as weather permits. Have the engineer identify areas of the system where the valve contractor should be focused on finding and fixing closed valves.	$ 0	Already Budgeted
5	Implement the recommendations in the communications program including a person assigned to public works education, using envelopes instead of cards along with bill stuffers for education and provide training for staff. Envelopes and bill stuffers are expensive and might be done periodically and not every month. The cost of TTHM notices, Annual Water Quality Reports and City notices should be figured into if any additional costs would exist. Many of these changes are underway now by the City.	Position Being Budgeted	

Notes

- The costs provided are rough order of magnitude which final engineering will firm up but will fluctuate with final decisions on engineering, operating technique and water quality.
- The change from river to lake water will dramatically cut the chemical costs as less is needed once the change occurs. This means that potassium permanganate will likely not be needed, ferric will drop as much as it went up, ozone levels will be lower and little lime will be needed.

Results Expected

The real question is what changes can be expected from these results in lowering the TTHM, improving the aesthetics and preparing for the change to lake water.

- **TTHM** – The City has already made great strides in reducing the TTHM levels with the changes already made. The additional suggestions by Veolia will further reduce TTHM in the water and help get the city released from the notices being provided to customers.
- **Hardness** – The hardness entering the plant this winter is 360 mg/L with the current system reducing it to 210 mg/L and optimization will reduce to about 180 mg/L. During the summer the levels will be lower probably in the 140 mg/L to 150 mg/L range. The target set by the current best operating practices is 120 mg/L to 150 mg/L.
- **Discolored Water** – The discolored water is caused by the old unlined cast iron pipe. The water from the plant can have an impact on discolored water, but a greater concern is the breaks and construction work that disrupt the flow of water causing discoloration. A polyphosphate is suggested to help bind the old cast iron pipe reducing instances of discolored water. This along with improve flow of water and programmed hydrant flushing will help, BUT WILL NOT eliminate discolored water occurrences.
- **Change to Lake Water** – The recommendations include the suggestion of programs to help the staff better manage the treatment process, additional testing to adjust the plant and additional lab monitoring, a maintenance program focused on keeping equipment properly functioning and more training for staff to improve their skill level. Those actions will prepare the staff for the change of water sources when it comes next year in addition to developing a thorough plan for the switch.

Resourcing the world

From: Wyant, Dan (DEQ)
Sent: Sunday, October 18, 2015 4:30 PM
To: Snyder, PPI
Cc: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Subject: FW: Detroit News Flint II
Attachments: Detroit News Flint II.docx

Governor,

Attached is our response to the Detroit News for a story that they are preparing for tomorrow. Part of that story looks at whether the DEQ staff followed appropriate federal protocols in light of Flint's population size.

My responses, enclosed here, are an effort to acknowledge something that has come out in the past week through internal review. Simply said, our staff believed they were constrained by two consecutive six-month tests. We followed and defended that protocol. I believe now we made a mistake. For communities with a population above 50,000, optimized corrosion control should have been required from the beginning.

Because of what I have learned, I will be announcing a change in leadership in our drinking water program. I've spoken with Dennis about this, and will be making that announcement as part of the Detroit News article that likely will be out tomorrow.

We've spoken with Jarrod and Sara about this today as well.

Call me if you have any questions. Thank you.
Not Responsive

Dan Wyant, Director
Department of Environmental Quality
517-284-6700 (New Number)

From: Wurfel, Brad (DEQ)
Sent: Sunday, October 18, 2015 3:54 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Cc: Wyant, Dan (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Detroit News Flint II

All,
Need your review of this document. It's our response to Detroit News story they're prepping for tomorrow.

Per Sara, Dan will call Jarrod shortly to discuss what we're proposing to do here.
Thanks,
b

Brad,

After reviewing the emails made available through FOIA, there are several things that seem to need addressing.

1. It appears DEQ staffers have essentially downplayed or ignored warning signs from EPA's water expert, Miguel Deltoral. We have been aware of Mr. Deltoral's unofficial memo that went public in April. But his email dated two months earlier on Feb. 27, to Jennifer Crooks and Mike Prysby, he seems to lay out exactly what's come to pass...

"(Particulate lead readings) Folks tend to discount these values as anomalies, but particulate lead release is a normal part of the corrosion process and it is universal (common) in all systems. It's just that it's not captured as often by the infrequent LCR sampling. If systems are pre-flushing the tap the night before collecting LCR compliance samples (MDEQ) still provides these instructions to public water systems) this clears particulate lead out of the plumbing and biases the results low by eliminating the highest lead values. If systems are pre-flushing and still finding particulate lead, the amount of particulate lead in the system can be higher than what is being detected using these "pre-flushed" first-draw samples.

"My point on that was that people are exposed to the particulate lead on a daily basis, but the particulate lead is being flushed away before collecting compliance samples which provides false assurance to residents about the true lead levels in the water."

Miguel goes on to address the optimal corrosion control situation in that same Feb 27 email.

"If I remember correctly, Detroit is feeding (phosphate) for the lead/copper rule, but since Flint is no longer part of that interconnection, I was wondering what their OCCT was. They are required to have OCCT in place which is why I was asking what they were using."

So what I'm seeing here is Miguel having raised these issues as far back as February. When unofficial April memo shows up, it's clear these issues still haven't been addressed.

Another email from the day before came from Jennifer Crooks at EPA which also highlights early concern about a lack of proper corrosion controls as well as the testing methods.
"The City can't just flush in advance of taking the compliance samples, they have to flush the lines on a regular basis."

Can you respond to the fact that it appears the state ignored or disregarded several warnings from EPA officials about testing deficiencies and insufficient corrosion controls?

Emails offer snapshots of a much broader conversation. The program staff did not ignore the information. They believed they were handling the situation in full accordance with federal protocols, and contacted EPA Region 5 officials promptly to seek guidance. They were more than halfway done with compliance sampling under the federal protocol and the 90^{th} percentile samples to that point showed 6 pbb – barely in excess of the 5 pbb threshold.

2. Corrosion control, or the lack thereof, seems to be another major problem here. At the first of the recent press conferences, Dan Wyant said that lime was being used as a corrosion control method. But that is clearly contradicted by DEQ staff at several points. One of those is Pat Cook's email from April 24.
"Flint is currently not practicing corrosion control treatment at the (water treatment plant)."
This puts Dan's comments about the lime into question.
There's been some confusion on this point, and I think it was addressed in our previous response. This was a misunderstanding with technical staff. Lime was added to soften the water. While it adjusts pH and can have some impact on corrosivity, it was insufficient corrosion control.

3. I gather from several exchanges in here that EPA and DEQ disagree over that the state's responsibility was in ensuring there was optimal corrosion control. One of the emails from July includes notes from a meeting of all the parties shows that EPA was asking why that hadn't been used from the outset, and the state's response was something along these lines:

""MDEQ explained that they did not treat the switch to Flint River water as a "new system," but as a new source. It is their understanding that two rounds of 6-month testing is still needed to characterize the water quality. They don't know what optimized is until those two rounds of six month monitoring are completed."

Under the lead copper rule, was the state required to have phosphate treatment in place? It appears here that the state chose to interpret the CLR as not requiring corrosion control. That seems like a highly dubious conclusion.

And after concerns were raised repeatedly beginning (at least as early as February), why was nothing done?

What has become clear in recent weeks is that staff believed they were handling the situation in accordance with the proper protocol for a water provider using a new source, but the federal Lead and Copper rule has a particular provision for communities over 50,000 people; that the system operator must continue treating with full corrosion control even as they test the water.

What the staff did would have been the proper protocol for a community under 50,000 people. None of the DEQ staff in this division had ever worked on a water source switch for a community over 50,000 people – it's uncommon for our big communities to switch sources.

It's increasingly clear there was confusion here, but it also is increasingly clear that DEQ staff believed they were using the proper federal protocol and they were not.

The Governor will soon announce an independent, third party, after-action review to detail what happened and why, and offer steps to make sure Michigan's drinking water program is on a better course in the future.

4. Another area of concern, one I mentioned on the phone, is the pace of response. And I understand that the lead copper rule lays out response times. But you have concerns being raised about lead by an EPA expert as far back as February. The state's response, in several instances, is that federal guidelines give us two six-month periods to collect samples, and then more time to submit an action plan, and then a year or more to enact that plan.

   While those delays in making a change may be permitted under the law, given that we're talking about a possible public health crisis, why wasn't there more expediency? The responses in these

emails appear to be without any sense of urgency at a time when Flint residents may have been drinking dangerous water.

The results of two rounds of water testing showed the city needed to move to optimizing its corrosion control. That order was issued Aug. 17.

5. At many points along the way, serious concerns are made about the state's testing methods. The Virginia Tech results were not the first time someone had indicated state testing – as approved by federal guidelines – might not be giving accurate readings.

> Miguel's April memo reads: "I wanted to follow up on this because Flint has essentially not been using any corrosion control treatment since April 30, 2014 and they have (lead service lines). Given the very high lead levels found at one home and the pre-flushing happening in Flint, I'm worried that the whole town may have much higher lead levels than the compliance results indicated, since they are using pre-flushing ahead of their compliance sampling."

There is substantial controversy over the lead and copper rule – the EPA has been working for years on ways to update it, and Michigan will be an active part of that conversation going forward. The situation in Flint is a snapshot of an issue affecting cities around the state and the nation. More than a dozen states use the sampling protocol Michigan uses – that's not a defense of the protocol, but rather an indication that even experts on the issue disagree about the most effective testing methods.

What everyone can agree on is that lead is a serious issue. And I think everyone can agree that when the state came to recognize that there could be a health threat in the city, we took appropriate action. We are now engaged in an unprecedented effort to protect kids and families in Flint, develop more knowledge about what has happened and how people were affected, and take steps to make sure it doesn't happen again – in Michigan, or anywhere else.

All the people who brought this issue forward deserve credit for bringing it to us. Our actions reflected inexperience, and our public response to criticism was the wrong tone early in this conversation. But the best we can do with the situation going forward is represented in our present course – the Governor's plan represents all the suggestions outlined in the draft EPA memo, the Virginia Tech report, and the guidance we've gotten from EPA.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in protection.

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 5:55 PM
To: Snyder, PPI); Calley, PPI
Cc: Clement, Elizabeth (GOV); Scott, Allison (GOV); Muchmore, Dennis (GOV)
Subject: Dr. Lawrence Reynolds, Flint After Action

Rich connected with Dr. Lawrence Reynolds from Flint to join our After Action team.
He's been a long time pediatrician in Flint. Well respected in the community.
He was affiliated with Mott Children Health Center for several years, but is listed as affiliated with Hurley now.
His background looks excellent. He is able to join via phone tomorrow morning.
Let me know if any concerns.
He was suggested by Harvey and vetted by Rich.

Old bio from 2012 here:
https://cfgf.org/cfgf/tabId/394/itemId/222/Dr-Lawrence-Reynolds-Honored-by-CFGF.aspx

Current Listing:
http://health.usnews.com/doctors/lawrence-reynolds-455776

From: Calley, Brian (GOV)
Sent: Tuesday, October 20, 2015 6:20 PM
To: Agen, Jarrod (GOV)
Cc: Snyder, PPI Clement, Elizabeth (GOV); Scott, Allison (GOV); Muchmore, Dennis (GOV)
Subject: Re: Dr. Lawrence Reynolds, Flint After Action

I really like that option.

On Oct 20, 2015, at 5:55 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> Rich connected with Dr. Lawrence Reynolds from Flint to join our After Action team.
> He's been a long time pediatrician in Flint. Well respected in the community.
> He was affiliated with Mott Children Health Center for several years, but is listed as affiliated with Hurley now.
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>
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From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 9:34 AM
To: Snyder, PPI
Cc: Scott, Allison (GOV)
Subject: Flint water

Ananich wants you to add Carl Levin to the task force on Flint Water. You might want to consider that. Carl isn't going to go to every meeting, he's a pretty fair individual with a long relationship with Sikkema and Kolb, and, Ananich can hardly balk at the findings if Carl is inside the tent.

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 10, 2015 4:28 PM
To: Snyder, PPI
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: FW: Flint water school testing results
Attachments: School results PR.docx; Flint water - DEQ schools data - Points & FAQs.docx

Importance: High

Governor –

Per our conversation at our comms meeting today, here is the news release and background/highlights of DEQ's schools water testing data that was released yesterday.

DEQ also has video that they're using for some footage of the testing with TV stations. Link here if you want to check out: https://youtu.be/Amy4cDW7RtA

Sill no exact word on timing of blood lead level data from DHHS – hopefully by late this week.

Please let us know if you have any Qs or would like anything else at all.

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results
At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, 517-284-6719, krisztiang@michigan.gov

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"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results
At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related

components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

Talking Points on Freeman Announcement

Q: How do we describe the home tests?

A: The home tests are a surveillance-level screening tool. It is the same test used by the state to comply with the federal Lead and Copper Rule.

Q: SO, a safe reading doesn't mean my water is safe?

A: A low reading means there are no fixture-related issues. This screening may not catch impacts of a lead service line to the home. If a homeowner isn't sure whether they have a lead service line, the best way for homeowners to be absolutely sure is to have a certified plumber inspect their home.

Q: Does home plumbing inspection mean they dig up my yard?

A: Usually, no. A good plumber can usually assess the service line from the point of entry to the home.

Q: Was the inspection of the schools done with a different kind of testing? If so, how so?

A: Yes, the testing at the schools is a very thorough protocol designed to first determine if there are fixture-specific issues, then look deeper into the system to identify possible lead plumbing issues.

Q: What was learned by the testing at Freeman Elementary?

A: We identified 9 of 31 sites where the plumbing clearly was imparting lead into water. Importantly, we did repeated draws of the water at these spots over several minutes, and saw lead levels drop dramatically. This means the lead is in the fixtures, not in the water lines. It means the fixtures need to be addressed in some way – flushing for several minutes will help, but replacement of these fixtures offers a more permanent solution. And it means the water at Freeman is safe at 22 of the 31 sites inspected, which is of some reassurance to school officials.

Q: The City is now using water from Detroit. When will the water be free from lead again?

A: The water from Detroit is treated with phosphates, which coat the insides of lead home service lines and will reduce lead impacts. The City also will be adding additional phosphates to develop this coating more quickly, but it could take months for corrosion control to be achieved throughout the system. It is important to note that, even in systems where optimal corrosion control exists, lead components in home plumbing can still cause lead exposure. Removing lead from home plumbing is the only permanent solution to address lead in home water supplies. And testing is the best way to get an accurate sense of one's exposure. In Flint, blood testing for children is free, and surveillance testing of water for any resident also is free.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, November 17, 2015 5:25:07 PM
To: Snyder, PPI
CC: Scott, Allison (GOV)
Subject: FW: Privileged Attorney-Client Communication - Outline of Flint Drinking Water Issues

Attachments: DEQ's Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product -11-16-2015.pdf

I thought you should see this. It's pretty interesting. Whether anyone accepts it as gospel is problematic, but it's good on background.

From: Anderson, Madhu (DEQ)
Sent: Tuesday, November 17, 2015 11:20 AM
To: Ken Sikkema (ksikkema@pscinc.com) <ksikkema@pscinc.com>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>
Subject: Privileged Attorney-Client Communication - Outline of Flint Drinking Water Issues

Ken – Attached is the outline of the Flint Drinking Water issue (in a question and answer format) we have prepared for you to share with your colleagues on the Governor's Flint Water Task Force. Please let me know if we can provide any other material in preparation for the meeting tomorrow.

cid:image001.png@01CDA7B6.5323BD30

Madhu R. Anderson

Deputy Director, Economic and Strategic Initiatives

(517 PPI | 517 PPI

* {HYPERLINK "mailto:andersonm30@michigan.gov"}

cid:image003.png@01D087F1.09CAD420

City of Flint Drinking Water
Outline prepared by the
Michigan Department of Environmental Quality for the
Flint Water Task Force

I. INTRODUCTION

This document is intended to provide an overview of Michigan's implementation of the Safe Drinking Water Act, 1976 PA 399, as amended (Act 399), with respect to events in the city of Flint (City), Michigan.

II. BACKGROUND

1. How has Flint historically obtained its drinking water?

The water system in the City was organized and built under private ownership in 1883 as the Flint Water Works Company to pump raw water from the Flint River to their consumers. In 1903, the system was converted to a municipally-owned corporation which supplied drinking water to the City. In 1967, the City became a customer of the Detroit Water and Sewerage Department (DWSD) system.

After the switch to DWSD, the City operated its water treatment plant as a standby plant for purposes of reliability in the event of an emergency, such as an interruption in service of the single pipeline from DWSD. In the last ten years, the water treatment plant was used as an emergency backup during two weeks in 2009: June 18 through June 20 and September 10 through September 13.

As a backup emergency water treatment plant, the City was required to operate the water treatment plant quarterly to demonstrate the capability to produce drinking water in accordance with Act 399 and to keep mechanical equipment (such as valves, rubber seals, etc.) in good working order. Each quarter, the water treatment plant was test run and samples were taken of both raw water and finished water (post-filters). Since the water treatment plant was upgraded in the early 2000s, monitoring showed that the water treatment plant was performing as designed.

Contractual obligations with DWSD did not allow treated water to be put into the City's distribution system during these test runs. Treated water was discharged to the Flint River in accordance with a National Pollutant Discharge Elimination System (NPDES) Permit. The test runs were for demonstration purposes, to keep the water treatment plant operational, and staff familiar with operation in the event it was needed in an emergency.

2. What State and Federal laws or rules exist to ensure safe drinking water is provided to City residents?

The federal Safe Drinking Water Act (federal SDWA) is the primary law that ensures the quality of Americans' drinking water. Under the federal SDWA, the United States Environmental Protection Agency (USEPA) sets standards for drinking water quality and oversees the states, localities, and water suppliers who implement those standards.

The federal SDWA was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (The federal SDWA does not regulate private wells which serve fewer than 25 individuals.)

Originally, the federal SDWA focused primarily on treatment as the means of providing safe drinking water at the tap. The 1996 amendments greatly enhanced the existing law by recognizing source water protection, operator training, funding for water system improvements, and public information as important components of safe drinking water. This approach ensures the quality of drinking water by protecting it from source to tap.

The most direct oversight of water systems is conducted by state drinking water programs. States can apply to the USEPA for "primacy," - the authority to implement the federal SDWA within their jurisdictions - if they will adopt standards at least as stringent as the USEPA's and enforce those standards. Michigan adopted the Safe Drinking Water Act in 1976 through Act 399 and has maintained primacy for the program since that time.

3. What is the USEPA's role as a regulatory agency in implementing the SDWA?

Federal and state governments share responsibility for administering drinking water programs. Under the federal SDWA, the USEPA is given the responsibility for developing national standards and regulations that apply to the nation's public drinking water systems and enforcing those standards, by working with states.

Michigan's drinking water program is evaluated annually by the USEPA for compliance with the federal SDWA. Based upon these evaluations, the USEPA continues to find Michigan's drinking water program to be compliant with the federal SDWA.

4. What is the Michigan Department of Environmental Quality's (DEQ) role as a regulatory agency in implementing the SDWA?

The federal SDWA permits states to accept oversight of the drinking water program under an agreement with the USEPA giving states primary enforcement responsibilities (or primacy). In addition to this delegation of federal authority to the states, states also have the power to create additional regulations and programs governing drinking water suppliers through their own legislative and regulatory processes. Michigan has had regulatory authority of public water supplies since 1913 (Waterworks and Sewerage Systems, 1913 PA 98).

The DEQ has been granted primary enforcement authority in Michigan for the federal SDWA under the authority of Act 399. As such, the DEQ, Office of Drinking Water and Municipal Assistance, has regulatory oversight for all public water supplies, including approximately 1,400 community water supplies and 10,000 noncommunity water supplies. A community water supply provides year-round service to 15 or more living units (homes, apartments, dorm rooms, etc.) or 25 or more residents. A noncommunity water supply has 15 or more service connections or serves 25 or more individuals on an average daily basis for not less than 60 days per year.

The DEQ engages in a variety of activities to help water systems remain in, or return to, compliance. These activities include: conducting surveillance visits (inspections) at water systems and reviewing facilities, equipment, and operations; requiring the submission of plans and specifications for waterworks system improvements and issuing construction permits; providing for the training, examination, certification and regulation of persons operating water supplies; helping systems incorporate preventive measures; and since 1996, providing financial assistance for system improvements.

5. What is the City's role in implementing the federal SDWA and Act 399?

State and federal programs develop regulations and perform oversight and compliance activities, but do not treat or deliver water to customers. At the local level, public and private water utilities collect, treat, and deliver drinking water to consumers in compliance with state and federal regulations.

The federal SDWA and Act 399 set up multiple barriers against contamination. These barriers include: source water protection, multiple treatment components, distribution system integrity, proper operations oversight, and public information. As the owner of a public water system, the City is responsible for knowing and following all requirements under Act 399, such as ensuring proper design, construction, operations and maintenance, so that contaminants in tap water do not exceed the standards established by law. The City treats the water, and must test its water routinely for specified contaminants and report the results to the DEQ. If a water system is not meeting these standards, it is the water supplier's responsibility to notify its customers.

The federal SDWA and Act 399 recognize that customers have the right to know what is in their drinking water and where it comes from. The City, like all water suppliers, must notify consumers when there is a problem with water quality.

The City submits samples of its water for laboratory testing (monitoring) to verify the water it provides to residents meets all federal and state standards. How often and where samples are taken varies from system to system and from contaminant to contaminant. The DEQ provides an annual monitoring schedule to the City setting forth these requirements.

In addition, the City is required to employ properly certified water operators that are trained and experienced to operate the treatment and distribution systems associated with the City's water system.

6. What approvals were needed from the DEQ in order for the City to begin using its water treatment plant full time?

The City had long ago been issued construction permits for raw water pumps to withdraw water from the Flint River and the City was grandfathered under the water withdrawal program (Part 327, Great Lakes Preservation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended), as were all existing community public water systems at that time. There were no additional DEQ

permissions or authorizations required under Act 399 because the City already had approval to use the water treatment plant.

Under Act 399, there are no licenses or permits required to operate public water systems. The City did apply for and obtained two construction permits prior to the water treatment plant changing from an emergency backup plant to full-time operation. These permits were for new chemical feed equipment, changes to the electrical service, etc.

III. THE FLINT RIVER – IS IT A SAFE SOURCE OF DRINKING WATER?

Seventy-five percent of Michigan's population served by a public water supply receive their drinking water from surface water sources, the majority of which is withdrawn from the Great Lakes. However, several public water supplies in Michigan utilize water from inland rivers. All surface water sources require significant treatment in order to be safe for consumption.

While all surface water sources must receive a high level of treatment, inland river sources present a greater challenge than water withdrawn from one of the Great Lakes because of rapidly changing water quality conditions. Under most circumstances, rivers are prone to greater fluctuations in temperature, have higher amounts of organic material, greater turbidity (suspended solids), and are more vulnerable to microbiological and viral contamination than Lakes Huron, Erie, Michigan or Superior. While the water chemistry in the Flint River differs from that in Lake Huron, it can still be treated in accordance with the federal SDWA and Act 399. The waterworks industry has the technology to treat wide ranging source waters to provide potable and palatable drinking water, including direct reuse of treated wastewater. Regardless of source water quality, all public water systems must comply with the same drinking water standards in the finished water.

It is not the source water that reacts with the homeowners plumbing in the distribution system, but rather the finished water quality that is important. Treated water leaving the City's water treatment plant does not contain lead. In addition, the treatment process employed by the City includes lime softening to reduce the hardness in the river water. The City includes lime softening and pH adjustment primarily to improve aesthetic water quality associated with hardness. Lime softening is not a process that water supply professionals would expect to increase corrosivity of water. The City, however, does practice recarbonation to readjust pH at the end of the softening process.

pH levels of finished water leaving the City's water treatment plant averaged 7.7. Expanded water monitoring conducted quarterly at 25 sample sites located throughout the distribution system showed the following:

July – September 2014	average pH = 7.71	range: 7.56 – 7.86
October – December 2014	average pH = 7.88	range: 7.62 – 8.10
January – March 2015	average pH = 7.81	range: 7.60 – 7.99
April – June 2015	average pH = 7.63	range: 7.48 – 7.80

The data below was obtained at ten of the sampling locations throughout the City's distribution system, while they were still purchasing water from DWSD before the City switched to the Flint River as a source:

January – March 2014 (DWSD)	average pH = 7.47	range: 7.40 – 7.54
April 2014 (DWSD)	average pH = 7.49	range: 7.42 – 7.59

Note that the pH of the treated water produced while the City was using the Flint River did not differ significantly from pH values seen in the distribution system during the time the City purchased water from DWSD. Thus, pH monitoring provided no indication of a change in water corrosivity.

IV. *E. COLI* AND TOTAL COLIFORM BACTERIA VIOLATIONS

1. What caused the *E. coli* and total coliform bacteria violations experienced by the City in August and September 2014?

A number of factors, primarily related to distribution system operation and maintenance, likely contributed to the Boil Water Advisories in the City during August and September 2014 triggered by exceedances of bacteria standards in limited areas of the distribution system. In addition, the coliform detections were confined to less than 20 percent of the water system. Had the detections been the result of a failure in treatment, detections would have been expected throughout the City rather than in such a limited geographic area.

Instead, the violations seem to have been caused by other factors such as aging infrastructure. The City's water distribution system has suffered from a lack of infrastructure investment and asset management. Most of the City's over 550 miles of water mains are now over 75 years old, and constructed of unlined cast iron piping. This cast iron pipe is subject to tuberculation, which thins and weakens the pipe walls in some areas and causes a buildup of sediment and debris on the pipe walls in other areas. Tuberculation can lead to water quality issues as well as reduced flows and pressures. Tuberculation also encourages the development of biofilms. Biofilm growth may occur more frequently in areas where little or no disinfectant is maintained.

The City has also experienced decades of a declining customer base and water use, with vacant homes, commercial businesses, and industrial property. Declining water use leads to excess residence time (water age) within the City's distribution pipes and water storage facilities, accelerating tuberculation, biofilm growth, and reductions of disinfectant concentration in the distribution system. While the City has recently seen an infusion of funding for blight removal, contractors using fire hydrants to complete this work have been known to cause hydraulic disturbances that dislodge and suspend settled debris, which may contribute to the bacterial contamination. These hydraulic disturbances were also believed to be a source of the aesthetic water quality complaints both the City and the DEQ were receiving.

The winter of 2013-2014 was also one of the coldest experienced by the water system. The City, which historically has unaccounted water losses of over 30 percent, saw even greater losses since February 2014 due to an increase in cold weather-related water main breaks and leaks (City personnel reported 400 water

main breaks in calendar year 2014, with greater than 50 percent in the winter quarter). The City has also been lacking a formal maintenance program for its more than 7,250 valves, which are critical in limiting the areas impacted during water main repairs. As an example, two valves on the transmission line used to supply the area of the 2014 Boil Water Advisories were found to be closed during the City's investigation of possible sources, causing much longer residence times, reduced disinfectant concentrations, and reduced pressures – all potential avenues for contamination to enter a distribution system.

The Boil Water Advisories also occurred during the warmest and relatively wet periods of August and September 2014. Warm weather conditions are not only more conducive to bacterial growth but also degrade disinfectant concentrations more quickly. As already explained, longer residence times, biofilms, and tuberculation contribute to lowered disinfectant concentrations. Warm, wet weather conditions also allow water contaminated with bacteria to accumulate or pond around piping that leaks and breaks.

During the summer of 2014, the City was actively repairing the distribution system (City personnel reported 29 water main breaks in June through August 2014). After the switch to the Flint River, it was discovered that there were many broken or closed valves in the distribution system (City personnel reported 120 broken valves and 239 valves in an improper position). As the City began correcting these problems, they did detect the presence of coliform organisms in the distribution system in testing conducted as a result of the repairs. This sporadic detection is not an unusual occurrence. Many communities have experienced similar issues when significant repairs are made in the system and/or they suffer water main breaks and localized pressure losses.

2. How were the violations detected? What was the DEQ's response?

Federal SDWA regulations regarding monitoring and standards for bacteria in water distribution systems are incorporated into Act 399. There are a variety of bacteria, parasites, and viruses which can potentially cause health problems if humans ingest them in drinking water. Testing water for each of these potential pathogens would be difficult and expensive. Instead, community water systems are required to test monthly for total coliform and *E. coli*. Total coliform bacteria, while not pathogenic, often originate from the same sources as many pathogens. Therefore, the presence of total coliform in drinking water indicates there may be a pathway for pathogens or other contaminants to enter the system. The absence of total coliforms in the distribution system indicates a minimal likelihood that pathogens are present. *E. coli* is itself a pathogen and its detection is considered direct evidence of a health risk.

The Boil Water Advisories which occurred in the City were associated with bacteria monitoring detections and violations of bacteria standards. These advisories were issued by the City after consultation with the DEQ.

Upon receiving information indicating total coliform and *E. coli* bacteria had been detected, the DEQ advised the City to issue a Boil Water Advisory from August 15 through 20, 2014, for the affected portion of the City. Another Boil Water Advisory was issued from September 5 through 9, 2014, due to localized detections of total

coliform bacteria in the same and adjacent portions of the City. The advisories covered an area of less than 20 percent of the water department's service area.

Once a Boil Water Advisory has been issued, time is needed to investigate potential causes and implement corrective measures. The larger the water system, the more time this may take. Once corrective measures have been taken, samples must be collected and analyzed to confirm that bacteria are no longer present. Under approved analytical methods used by the City, samples must be incubated for 24 hours before results can be obtained. In situations where the bacterial contamination has been confirmed, two consecutive rounds of safe samples collected at least 24 hours apart are normally obtained before canceling a Boil Water Advisory. Adding each of these steps together, a normal response period to rescind a Boil Water Advisory under these circumstances would be expected to take 3 to 4 days.

V. TOTAL TRIHALOMETHANES (TTHM) VIOLATIONS

1. What caused the TTHM violations experienced by the City beginning in late summer 2014?

Disinfectants are an essential element of drinking water treatment because of the barrier they provide against waterborne disease-causing microorganisms. However, disinfection byproducts form when disinfectants used to treat drinking water react with naturally occurring organic materials in the water (e.g., decomposing plant material). The formation of disinfection byproducts continues to occur as water travels throughout water distribution systems.

A major challenge for water suppliers is how to provide protection from pathogens while simultaneously minimizing health risks to the population from disinfection byproducts. Total Trihalomethanes (TTHM – chloroform, bromoform, bromodichloromethane, and dibromochloromethane) and halogenated acetic acids (HAA5 – monochloro-, dichloro-, trichloro-, monobromo-, dibromo-) are widely occurring classes of disinfection byproducts. The amount of TTHM and HAA5 in drinking water can change depending on the season, water temperature, amount of chlorine added, the amount of plant material in the water, and a variety of other factors. All community water systems that chemically disinfect or purchase water that has been chemically disinfected are required to monitor for disinfection byproducts.

The Flint River has higher levels of organic material than water in the Great Lakes and as a result, the water produced by the City developed higher disinfection byproducts than the water purchased from DWSD. Because the water treatment plant was previously operating intermittently, it was not possible to predict disinfection byproduct levels at distribution system compliance points until the City began relying on its water treatment plant continuously.

As mentioned previously, the City became aware that there were numerous broken valves and closed valves that should have been open in the distribution system. At that time, the City also began a mapping effort to identify "water age" in the distribution system. The longer the residence time or "water age" the greater the opportunity for the formation of disinfection byproducts.

2. How were the violations detected? What was the DEQ's response?

Disinfection byproducts are monitored at eight sites throughout the distribution system. A locational running annual average is calculated for each individual site. Because TTHM and HAA5 maximum contaminant levels are calculated based on a running annual average at specific distribution system locations, the actual violation of the standard did not occur until the fall of 2014. However, because it was apparent in the summer of 2014 that the standard would eventually be exceeded; the DEQ asked the City to proactively implement measures to address the problem before the violation required them to do so.

As a result of maintenance efforts undertaken by the City to repair valves and correct improperly closed valves, the City was able to improve water flow in the distribution system and thereby reduce residence time or "water age" in the system. Operational changes made to reduce the amount of storage in the system also helped reduce residence time which contributed to a reduction in disinfection byproduct formation.

In addition to operational changes to minimize residence time in the distribution system, the City added granular activated carbon to its filters in July 2015. Levels of TTHMs and HAA5s were reduced and the City returned to compliance on September 1, 2015.

VI. THE TASTE, ODOR, AND COLOR COMPLAINTS RECEIVED BY FLINT

1. What caused the taste, odor, and color complaints received by the City from residents?

Taste, odor, and color issues are very personalized. While water leaving the water treatment plant did not have any unusual taste, odor or color; during the summer after the switch to the Flint River, customer complaints increased. Construction in the distribution system, hydrant flushing, and changes in flow characteristics are all known causes of disturbances within the distribution system that can cause an increase in taste, odor, and color complaints. Aesthetics, such as taste, odor, and color, while a concern, by themselves are not a threat to public health.

2. What was the DEQ's response?

The DEQ consulted with the City regarding these complaints. The City indicated that they were offering to investigate such complaints for anyone that had issues; but City personnel informed the DEQ that they were not able to recreate these situations in the field. In addition, as a result of the repair work that was underway and the increased flushing to reduce water age in the system to help control TTHMs, it was anticipated that there would be short-term disturbances in the system that would cause color and odor complaints. All water supplies are advised to provide notice to residents prior to undertaking a flushing program because flushing (even routine flushing) often causes temporary problems as described. Based on information from City personnel, it appeared that the complaints were related to such operational activities occurring in the distribution system.

VII. LEAD ISSUES IN THE FLINT DRINKING WATER

1. What causes lead in drinking water?

Lead is rarely found in source water. Lead enters tap water through corrosion of plumbing materials. Homes built before 1986 are more likely to have lead fixtures and solder. Older homes built prior to World War II are more likely to contain lead pipes. The most common problem with newer construction is with brass or chrome-plated brass faucets and fixtures which can leach significant amounts of lead into the water, especially hot water. The amount of lead in tap water also depends on the types and amounts of minerals in the water, how long the water stays in the pipes, the amount of wear in the pipes, the pH of the water, and its temperature.

2. What is the Lead and Copper Rule?

On June 7, 1991, the USEPA published a regulation to control lead and copper in drinking water. This regulation is known as the Lead and Copper Rule (also referred to as the LCR). The treatment technique for the rule requires systems to monitor drinking water at customer taps. If the 90th percentile for lead exceeds an action level of 15 parts per billion (ppb) or the 90th percentile for copper exceeds an action level of 1.3 parts per million (ppm), the system must undertake a number of additional actions to control corrosion. If the action level for lead is exceeded, the water supply must also inform the public about steps they should take to protect their health and the water supply may have to replace lead service lines under their control.

3. What is the lead action level?

For most contaminants, the USEPA sets an enforceable regulation called a maximum contaminant level based on the maximum contaminant level goal. Maximum contaminant levels are set as close to the maximum contaminant level goals as possible, considering cost, benefits, and the ability of public water systems to detect and remove contaminants at the water treatment plant using suitable treatment technologies. Because lead contamination of drinking water often results from corrosion of the plumbing materials belonging to water system customers, the USEPA established a treatment technique rather than a maximum contaminant level for lead. A treatment technique is an enforceable procedure or level of technological performance which water systems must follow to control a contaminant. Although the maximum contaminant level goal for lead is zero, based upon the above factors, the USEPA has established the action level for lead at 15 ppb.

The treatment technique regulation for lead requires water systems that produce drinking water to control the corrosivity of the water. The regulation also requires systems to collect customer tap samples from sites served by the system that are more likely to have plumbing materials containing lead. If the 90th percentile action level for lead is exceeded, then water systems are required to take additional actions including:

- Optimizing corrosion control treatment (for water systems serving greater than 50,000 people that have not fully optimized corrosion control).

- Educating the public about lead in drinking water and actions consumers can take to reduce their exposure to lead.
- Replacing the portions of lead service lines (lines that connect distribution mains to customers) under the water system's control.

4. Did DWSD have optimized corrosion control treatment?

After the LCR passed in 1991, DWSD and all of its consecutive customer systems conducted two rounds of monitoring for lead and copper. Copper levels were well below action level limits, but lead levels exceeded the action level of 15 ppb for DWSD and many of its customer communities. As a result, DWSD installed corrosion control treatment. DWSD performed a corrosion control study and concluded that they could reduce the corrosivity of the water by the addition of an orthophosphate, a corrosion inhibitor.

5. Did the DEQ require the City to have corrosion control in place when it switched to the Flint River as its source of drinking water?

No. There are two ways under the LCR to deem a water supply as providing "optimal corrosion control" – either by sampling and determining through a calculation that the supply is "optimal" or by installing treatment if it is needed. The DEQ requested that the City perform two 6-month rounds of monitoring to demonstrate if the City was practicing optimal corrosion control treatment. According to state regulations [R325.10604f(2)(b)(iii)], a system can demonstrate optimized corrosion controls by sampling in two, consecutive 6-month monitoring periods and comparing the results of this monitoring to the lead level in the source. Optimal corrosion control under this scenario would be defined as having the 90th percentile in each of these monitoring periods lower than the sum of the lead in the source and the practical quantification limit for lead of 5 ppb. Since the source water has 0 ppb lead, the City would have been deemed optimal if its 90th percentile of lead was 5 ppb or less in these two consecutive periods. However, once a system has installed treatment, it would also be considered optimized regardless of the 90th percentile level achieved, as long as it does not exceed the action level of 15 ppb.

In this case, the City had been purchasing water from DWSD that was treated for corrosion control. It was the DWSD water system that was considered as having optimized corrosion control at that point. Since the City water system had not been the supplier of water before, the DEQ did not require the City to maintain corrosion control for which it was not responsible [R325.10604f(2)(b)]. It could not "maintain" operations undertaken elsewhere by a different entity for a different source of water. The DEQ's instructions to the City were consistent with past practices afforded to all other large water systems. At the beginning of the LCR, all large systems were initially granted the option to demonstrate optimal corrosion control treatment through full-scale monitoring under the applicable rules. For these reasons, two 6-month rounds of monitoring, as required by the LCR, were the required means to determine whether or not optimal corrosion control was being achieved.

6. How does the DEQ calculate the 90th percentile?

To determine the 90th percentile of a list of lead or copper results, the procedure below is followed:

Step 1: Place lead or copper results in ascending order
Step 2: Assign each sample a number, 1 for lowest value
Step 3: Multiply the total number of samples by 0.9 – this yields the 90th percentile sample. For example: 20 samples x 0.9 = 18th sample. This is the 90th percentile level.

Calculating the 90th percentile is easiest when a supply collects 10 samples (or a multiple of 10). Note that the 90th percentile must be interpolated if the number of samples is not a multiple of 10.

7. What was the result of the first round of monitoring conducted by the City?

The first 6-month round of lead and copper monitoring conducted by the City ended on December 31, 2014. One hundred samples were submitted and the 90th percentile lead level was calculated to be 6 ppb. The next step required by the DEQ was for the City to collect a second round of monitoring.

8. What was the result of the second round of monitoring conducted by the City?

The second 6-month round of lead and copper monitoring conducted by the City ended on June 30, 2015. Sixty-nine samples that complied with the site selection criteria were submitted and the 90th percentile lead level was calculated to be 11 ppb. The conclusion from these results was that the City, while in compliance with the action level, exceeded the level required to be deemed as having optimized corrosion control.

9. Why was the City required to collect 100 compliance samples for lead and copper in the first 6-month monitoring period of July through December of 2014 and then only 60 compliance samples in the second 6-month period of January through June of 2015?

The number of compliance samples required for lead and copper is based upon the population served by the water system as identified in the table below, taken from Rule 325.10710a of Act 399.

Supply Size (Number of People Served)	Number of Sites (Standard Monitoring)	Number of Sites (Reduced Monitoring)
More than 100,000	100	50
10,001 to 100,000	60	30
3,301 to 10,000	40	20
501 to 3,300	20	10
101 to 500	10	5
Fewer than 101	5	5

The number of samples the City was required to collect in the first round of monitoring after they began relying on the Flint River was based on the 2010 census, which listed the City's population as more than 100,000 residents. In March of 2015, the City provided updated information that indicated the City's population had decreased to less than 100,000. Therefore, they were only required to collect 60 samples. There is no rule prohibiting the collection of additional compliance samples – only establishing a minimum number necessary.

10. What actions did the DEQ order the City to undertake after the second round of monitoring?

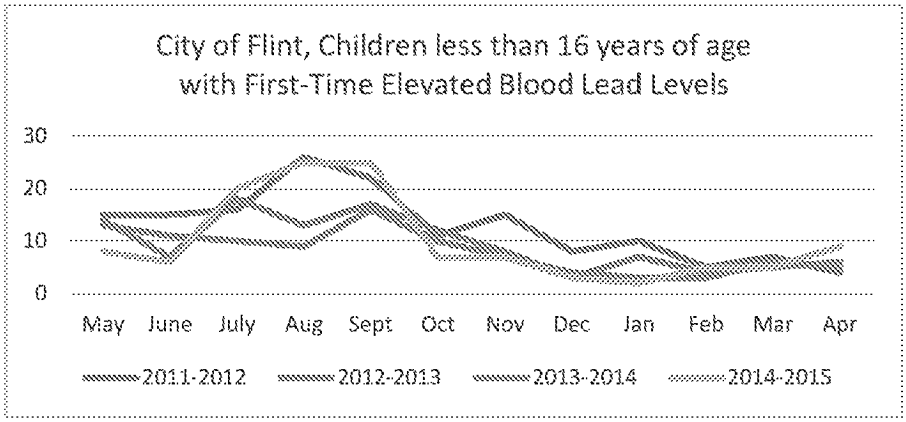
While the City's LCR compliance monitoring continued to meet action level requirements, the City exceeded the level required to be deemed as having optimized corrosion control. Following receipt of the City's compliance monitoring results, the DEQ sent a letter on August 17, 2015, requiring the City to install corrosion control treatment.

Under the LCR, the City has 6 months to let the DEQ know whether it intends to conduct a study, then 18 months to perform the study and make its recommendation, and 24 months to complete installation of the selected corrosion control. The DEQ requested the City accelerate this schedule. The City submitted plans and specifications to install corrosion control treatment and a construction permit was issued by the DEQ on October 28, 2015. The City is in the process of installing the necessary equipment and procuring the appropriate chemicals. Treatment is expected to be on-line by the end of November 2015. As of October 16, 2015, the City resumed purchasing water from DWSD that is already optimized and provides a corrosion inhibitor. The additional treatment by the City will further enhance the amount of inhibitor in the system.

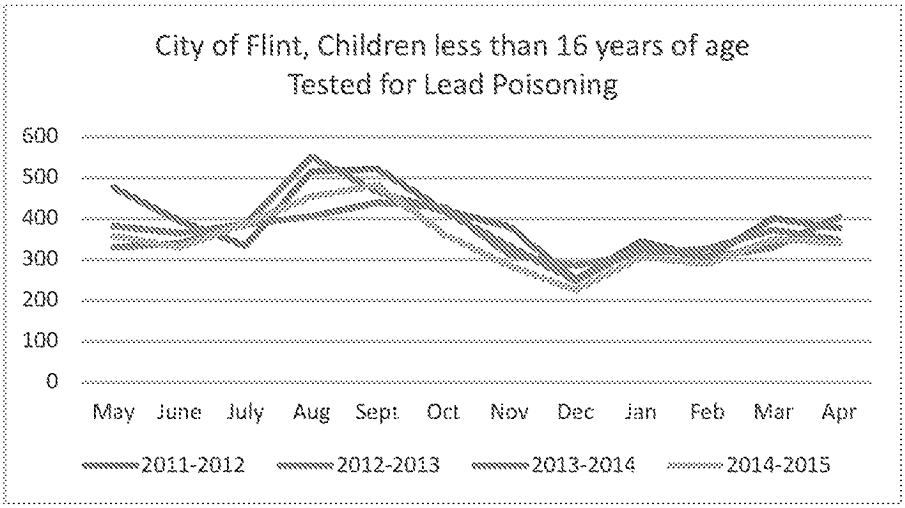
11. What had Michigan Department of Health and Human Services (DHHS) advised the DEQ regarding blood lead levels prior to the DEQ ordering the City to implement optimized corrosion control?

In an e-mail dated July 28, 2015, regarding blood lead testing, the Michigan DHHS indicated that they:

> "…compared lead testing rates and lead testing results to the same time frame for the previous 3 years, to see if there were any patterns that suggested that there were increased rates of lead poisoning after the water supply was switched. Per the attached charts –
>
> • Lead testing rates remained about the same from year-to-year…



- There was a spike in elevated blood lead tests from July-September 2014…



- However, that pattern was not terribly different from what we saw in the previous three years; especially in 2011-2012 (we are working with our Epidemiologist to statistically verify any significant differences).

- We commonly see a 'seasonal effect' with lead, related to people opening and closing windows more often in the summer, which disturbs old deteriorating paint on the windows, sills and sashes. Window fans frequently blow and spread the lead dust from the deteriorating paint to other parts of the room/house. We suspected that the summer data spike may be related to this effect.

- If the home water supply lines and/or river water were contributing to elevated blood lead tests, we expected that the increased rates would extend beyond the summer, but they drop quite a bit from September to October, stayed low over the winter, and are just starting to tail up again in the spring of 2015."

This e-mail from DHHS in concert with the completion of two 6-month rounds of lead compliance sampling data indicating that the City had not exceeded an action level for lead provided the basis for the DEQ to maintain that the water in the City continued to be in compliance with the federal SDWA and Act 399.

12. When did the DEQ first become aware of allegations of elevated blood levels being detected in certain children?

The DEQ was notified on August 23, 2015, by a professor from Virginia Tech that "over the next few months we will be studying Flint water quality issues…" Results indicating elevated lead levels in homes were reported as part of this study in late August. In September 2015, information was reported in news articles that

pediatricians in the City had data suggesting an increase in children's blood lead levels in two zip codes in the Flint area.

Prior to these dates, the City had already completed the required two 6-month rounds of monitoring and the DEQ had made a determination that the City must install corrosion control treatment as documented in correspondence dated August 17, 2015.

VIII. QUESTIONS RAISED REGARDING THE DEQ'S ACTIONS

1. **What was the DEQ's response to the USEPA's inquiry in February 2015 regarding the optimized corrosion control treatment being implemented by the City under the LCR?**

   The DEQ indicated that the City was complying with the LCR, the lead 90th percentile level was below the action level of 15 ppb, and the City was already conducting the second round of monitoring which would provide for a determination of whether additional treatment needed to be installed. It should be noted that once treatment is designated as optimal, there is no requirement in the LCR that lead results be lower than they were before treatment was installed. The 90th percentile only needs to be lower than the action level in the LCR.

2. **Did the DEQ attempt to mislead the USEPA in a February 27, 2015, e-mail responding to the USEPA's inquiry regarding Optimal Corrosion Control Treatment?**

   No. There was no attempt by the DEQ to mislead the USEPA. There is an e-mail from Steve Busch, Jackson and Lansing District Supervisor, Office of Drinking Water and Municipal Assistance, indicating that the City was practicing a corrosion control program. What was meant was that the City was performing the required monitoring to determine whether or not they were practicing optimized corrosion control. The DEQ subsequently clarified its position in follow-up e-mails and telephone conversations with the USEPA.

3. **When General Motors announced its intent to terminate water service from the City and purchase water from Genesee County, should this have been a sign that there were concerns with the quality of the water after the switch to the Flint River?**

   No. General Motors made a decision regarding the quality of water for its manufacturing processes. At the time, the company indicated that the chloride levels were above limits acceptable as part of the manufacturing facility's limit for production purposes. The level of chlorides in the water treated by the City was not a human health or aesthetic concern.

   Chloride does have a secondary maximum contaminant level established by the USEPA, not for health-related concerns but rather for taste and aesthetic concerns. Concentrations greater than the secondary maximum contaminant level of 250 milligrams per liter (mg/l) become objectionable due to taste. According to the City's records, the chloride concentration in the Flint River water is generally about 45 mg/l and the treated water chloride concentration leaving the water treatment

plant ranges between 55 and 65 mg/l. It should be noted that the City uses ferric chloride as its primary coagulant, although this does not add a significant amount of chloride to the finished water.

4. Has the USEPA subsequently admitted that the LCR is subject to differing interpretations such as that presented by the DEQ?

Yes. On November 3, 2015, the USEPA issued a memorandum regarding the "Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems". This memorandum addresses concerns raised about the application of the LCR, specifically the requirements pertaining to maintenance of optimal corrosion control treatment, in situations in which a large water system ceases to purchase treated water and switches to a new drinking water source. The USEPA states that this type of situation rarely arises, that the language of the LCR does not specifically discuss such circumstances, and that there are differing possible interpretations of the LCR with respect to how the rule's optimal corrosion control treatment procedures apply to this situation. The memorandum is intended to clarify, on a prospective basis, steps agencies should take or apply in the future. USEPA's new guidance provides acknowledgement that the LCR is subject to differing interpretations. The DEQ's interpretation and application of the LCR in this situation was in compliance with the federal SDWA and Act 399.

5. Did the DEQ reject any of the samples submitted by the City?

Yes, samples at two locations were excluded from the compliance calculation in conformance with rules issued by the USEPA.

According to the LCR, compliance samples must be a first draw, 1-liter sample collected from a cold water, kitchen or bathroom tap after the tap has stood unused for not less than 6 hours. Federal and state rules require community public water systems to identify a pool of targeted high-risk sampling sites, called Tier 1 sampling sites. For a municipality such as the City, the Tier 1 sampling pool must consist of single family structures that are:

- served by a lead service line,
- contain lead pipes, or
- contain copper pipes soldered with lead installed after 1982 but before Michigan enacted the ban on solder containing high concentrations of lead (June, 1988).

As long as a community has Tier 1 sites that contain lead service lines, they are required to collect at least 50 percent of their compliance samples from these lead service line sites. Finally, federal and state rules specify that "Sampling sites may not include faucets that have point of use or point of entry treatment devices designed to remove inorganic contaminants." Such treatment devices include home softeners, iron filters, etc. Samples collected from multiple family residences, commercial buildings, institutional facilities, or single family structures with point-of-use or point-of-entry treatment can only be used if the community has insufficient Tier 1 sites available.

One of the samples submitted by the City was excluded from the 90th percentile compliance calculation in the latest monitoring period because it was taken from a tap at a non-residential site (non-Tier 1). The other sample result that was excluded was collected from a single family home that has a whole house treatment system. Both of these sites are, therefore, excluded from the compliance consideration based upon federal and state rules.

6. Did the DEQ review the information submitted by the City to ensure all samples were from Tier 1 sites?

Yes. The DEQ examined the information submitted and certified by the City that its LCR compliance monitoring sites consisted entirely of Tier 1 criteria sites, which met the requirements of this rule to maximize sampling of high-risk targeted sites.

During the initial implementation of the LCR approximately 25 years ago, water supplies were required to complete a materials evaluation of their distribution system to identify a pool of targeted, high-risk sampling sites. These sites were to be categorized into one of three Tiers (1, 2, or 3) based on risk. The DEQ created an LCR reporting template for water systems to identify each compliance sampling site by Tier, service line material, and building plumbing material.

If a water system has sufficient Tier 1 sites, they are required to sample them before using any lower Tier sites. Furthermore, if they have sufficient sampling sites with lead service lines, they are required to use them to make up at least 50 percent of their sampling pool each monitoring period. Water supplies are also required to use the same sampling sites each time or explain on their LCR reporting form why they were unable to do so. Finally, the water system is required to certify all of the information they provide on the LCR reporting form is factual.

The DEQ must rely upon the public water system to identify appropriate sampling sites for LCR monitoring. The DEQ public water supply program has no control or authority over service lines or domestic plumbing. As a result, we have no records on construction standards or materials used by customers for these components. If these records exist, they are kept by plumbing code enforcement officials.

In 2015, City employees again certified that the information submitted on their LCR monitoring reports for the two 6-month rounds of monitoring conducted after they began treating the Flint River were accurate, and DEQ staff review of that information indicated it was in compliance with the monitoring requirements. The DEQ had no reason to question the validity of the City's reports until the DEQ heard City employees revealing to the media that the City did not know for certain if its compliance monitoring was collected from homes with lead service lines. As a result, the DEQ began to investigate the City's monitoring sites. As the City began to transfer its customer information to electronic records, the DEQ determined from the information available that a significant number of these sites that had been listed as having lead service lines either did not have them or the information was unavailable. On November 9, 2015, the DEQ notified the City in writing that it would be necessary to conduct a complete assessment of its sampling pool and report back its findings by December 30, 2015. The DEQ is now awaiting the City's response.

7. Did the DEQ believe the levels of lead found at 212 Browning in April 2015 were indicative of a system-wide problem?

High levels of lead were collected in samples taken from this residence. It was determined to be coming from an unusually long lead service line. For some reason, this home was not connected to the water main that ran in front of the house, but rather to a main located on a street several houses away. The City replaced the lead service line May 6, 2015. Since the internal plumbing of the house is plastic, it was believed that replacement of the lead service line would resolve the problem, and subsequent sampling taken at this address showed that replacement of the service line did mitigate the problem. There was, therefore, no reason to believe that this was indicative of a system-wide problem.

8. Do the DEQ's sampling instructions comply with the LCR?

The DEQ continues to seek official clarification from the USEPA regarding the sampling protocols. The DEQ's sampling recommendations were developed to ensure compliance with the USEPA's guidance provided in the preamble to their lead and copper regulations that said that household use should be "typical" for a residential customer on the day before sample collection for lead and copper. Early in the implementation of the LCR, the DEQ had encountered too many situations where compliance samples had been collected from kitchen and bathroom taps that had not been used in days and in some cases, even weeks, resulting in excessively stagnated water and correspondingly high lead levels that did not represent typical exposure expected after overnight stagnation. To incorporate these results into further regulatory decision making could have led to actions that were not indicative of a true public health threat. Further complicating this issue was the USEPA's direct implementation of the LCR in Washington, D.C., where it was learned that some "valid" lead results were not always being included in compliance calculations. Subsequently, the USEPA made invalidation of samples for any reason much more difficult. In order to ensure samples were taken at customer taps representative of typical use, the DEQ devised the current recommendations for ensuring appropriate but not excessive stagnation for LCR monitoring.

The DEQ continues to believe it is appropriate to ensure that taps being sampled are representative of typical household use and are sampled during the recommended stagnation period of 6-18 hours. The LCR does not say the result should represent the "absolute worst case" condition – it talks about sampling the highest risk locations (lead plumbing, lead service lines, high lead content solder piping, etc.) after overnight stagnation and then collecting a first draw sample so as not to flush elevated lead from that tap at that point in time. There are a number of other states that share the DEQ's interpretation of the rule and the DEQ encourages the USEPA to provide official clarification directed at all states with primacy.

9. Does the DEQ require the use of small-neck bottles to obtain samples?

No. The DEQ does not mandate the use of small-neck bottles; it is the sampling method that is specified in both the federal SDWA and Act 399. Each certified drinking water laboratory provides bottles to their customers upon request for any particular analysis in accordance with the specifications in the SDWA. The bottles provided by the DEQ Drinking Water Laboratory for a lead and copper corrosion control sample meet these requirements.

From: Murray, David (GOV)
Sent: Monday, November 23, 2015 6:31 PM
To: PPI; Agen, Jarrod (GOV)
Subject: Please review: Updated Flint blood lead levels and Strategic Fund FCA deal releases
Attachments: Flint EBL Data Press Release V3.docx; Flint Water Talking Points 111915 V4.docx; PR 151124_MSF_FCAStatement 2.docx

Good evening Governor,

These were two items that arrived too late for the briefing.

We continue to work with DHHS on the release of the press release regarding the blood lead level testing in Flint. We've asked for the numbers to be higher in the release, and this version reflects that. We've also asked for some historical information for context. It's believed that the levels were just as high in 2010, for example, when there was no question about the water source. I've indicated in the release where this would appear. DHHS will be able to provide these numbers going back at least five years and possibly longer in the morning. I've included updated talking points/background information as well.

Our thought is to release this information tomorrow.

The other release is announcing the Michigan Strategic Fund vote on the revised agreement with FCA.

Please let us know if you need additional information or have changes.

Thank you very much.

Dave

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STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

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FOR IMMEDIATE RELEASE
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MDHHS releases October data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – The Michigan Department of Health and Human Services today issued data regarding blood lead levels in Flint children and adults. The department's summary report shows that 24 of 963 adults and children tested in Flint had elevated levels.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources. The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHSS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the county health department to reach these families. We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

Information was gathered from tests administered citywide to 963 children and adults between October 1 and October 30. Eighteen children age 17 or younger had elevated blood lead levels. Six adults over the age 18 were identified with elevated blood lead levels.

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

HISTORICAL INFORMATION FOR CONTEXT WILL BE INSERTED HERE.

The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letter to Flint parents regarding lead testing. The state provided supplemental funding to support GCHD nursing staff to conduct direct outreach to families when an elevated blood lead level has been detected. These nurses serve as an important resource by addressing questions and concerns, providing information, and meeting with families in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

Blood Lead Levels in Flint Talking Points
November 18, 2015

Blood Lead Level Testing Results

- The Michigan Department of Health and Human Services is releasing a report regarding blood lead levels in Flint children and adults in ZIP codes 48501-48507.
- The purpose of the report is to inform residents about blood lead level testing efforts in Flint and provides cumulative total numbers.
- It is not intended to be a technical report but a technical description, and further analysis of the data in the report is underway.
- The data in the report include the total number of tests conducted and the total number of elevated blood lead levels ≥5µg/dL (micrograms per deciliter), broken down by date and age ranges.
    - Specifically, the current report breaks down the data by the 16 months prior to the switch in water source for Flint (January 1, 2013 through April 14, 2014), to the 17 months after the switch (April 15, 2014 through September 30, 2015), and after the lead exposure prevention campaign was initiated by the State in Flint October 1, 2015 to October 30, 2015. These numbers will continue to be updated.
    - The report also breaks down the number of tests and elevated blood lead levels by children younger than 6, children ages 6-17, and adults 18 years and older.
        - Lead exposure for children younger than 6 is of particular concern because they are more sensitive to the effects of lead and tend to absorb more than older children and adults.
- Data in the report includes both capillary and venous blood tests. People who have had multiple tests are counted only once.
- 963 people were tested in Flint between October 1, 2015, and October 30, 2015, 18 children 17 years of age or younger had elevated blood lead levels. Six adults over the age of 18 were identified with elevated blood lead levels during this time as well.
- With these testing results, MDHHS is working closely with the Genesee County Health Department to conduct case management to ensure that these families are receiving the follow up care they need - including additional blood testing and a home investigation to identify and help reduce the potential for additional lead exposure in their environment.
- In addition to this report, MDHHS has ZIP code level data available by quarter for 48503-48507 by request. ZIP codes 48501-48502 do have some cases, but the numbers are too small to release by quarter.

Water Filters and Replacement Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters and replacement cartridges are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office:
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS has also posted an instructional video on the MDHHS YouTube channel to help residents properly install water filters, and to demonstrate how to replace the original filter when it expires.
    - https://www.youtube.com/watch?v=plsOvmH 0
- MDHHS currently serves approximately 25,000 households in Flint.

Background Information

- Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.

- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- ZIP code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase.
    - There is an increased proportion of children with elevated blood levels in several ZIP codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by ZIP code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the ZIP code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF-certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' ZIP codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk ZIP codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk ZIP codes were 3.2 times that of the rest of Genesee County.

- Other ZIP codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- Use only cold filtered water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. The lead in household water usually comes from the service line that connects your house to the water main or the plumbing in your house, not from the local water supply.
- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both can be lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be kept shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.

- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead-free.
- Remove recalled toys and toy jewelry immediately from children.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

If possible, shower and change before returning home if your job requires you to work with or around lead. These jobs can include painting, plumbing, and some factory work.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source documenting unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household will be considered on an individual basis.
- WIC cannot cover bottled water.

From:	Murray, David (GOV)
Sent:	Thursday, December 03, 2015 12:44 PM
To:	Snyder, [PPI
Cc:	Scott, Allison (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Subject:	ACTION NEEDED on Flint water documents
Attachments:	Flint EBL Data Press Release V9.docx; Comms Plan - Flint EBL Data Summary 12315.docx; Flint Blood Lead Level Summary Report Dec.pdf

Good afternoon Governor,

Sorry for the quick turnaround time on this, but DHHS is hoping to issue the release this afternoon to avoid issuing news on Friday. The DHHS team has answered the questions and made significant revisions to the press release at my request. I think this is far more reader friendly and people focused.

Here are the specific answers to the questions:

Do the elevated lead levels stick with a person for life?
We do see blood lead levels decrease after education takes place and exposure to lead sources is reduced. The purpose of screening children for lead is to identify those with elevated levels. Removing potential sources of lead exposure and ensuring proper nutrition and healthcare leads to decreases in blood lead levels in follow-up testing, which is an important part of case management. Lead has a half-life in blood of approximately 25 days; in soft tissue, about 40 days; and in the non-labile portion of bone, more than 25 years.

Why do the lead levels spike on a seasonal basis?
When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

DHHS is requesting to issue this at 2 p.m. with Dr. Wells available to answer questions.

Thank you for your consideration.

Dave

The notifications will be timed as follows:

1:30 p.m.

- Send final embargoed release and summary report to:
  - Genesee County Health Department – Geralyn Lasher
  - Dr. Mona Hannah-Attisha – Geralyn Lasher
  - Task Force Members – Geralyn Lasher
  - City of Flint Mayor's Office – Geralyn Lasher
  - Congress and legislature – Elizabeth Hertel

2 p.m.

- Issue press release and summary report
- Post press release and summary report to MDHHS website newsroom and Flint Water website, www.michigan.gov/flintwater

Please let me know if you have any additional questions, edits or concerns.

Thank you,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 3, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according to a report issued today by the Michigan Department of Health and Human Services.

This marks the first summary report on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHHS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the Genesee County Health Department to reach these families. We will remain diligent in our ongoing outreach and education efforts."

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of 969 children age 17 or younger and 9 of 392 adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported to MDHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. Five micrograms per deciliter is the level that the Centers for Disease Control and Prevention considers elevated and triggers health care professional follow up with families.

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

In the third quarter of 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. During the same months in 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in the third quarter of 2015.

– MORE –

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state is providing funding for GCHD nurses to work with families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to meet with families in their homes to identify lead exposures, address questions and provide water filters. People can be exposed to lead from paint, soil, plumbing and other sources.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For updates, visit www.michigan.gov/flintwater.

# # #

Flint EBL Data Summary

Communications Plan

Purpose

To release elevated blood lead level data for the city of Flint and communicate the summary to our partners in the community as well as local and state media. The report is intended to inform residents about blood lead level testing efforts in Flint and provide preliminary cumulative numbers on an ongoing basis.

Communications Timeline – December 3, 2015

11 a.m.

- Send final release and summary report to Governor's office, Michigan Department of Environmental Quality

1:30 p.m.

- Send final embargoed release and summary report to:
  - Genesee County Health Department – Geralyn Lasher
  - Dr. Mona Hannah-Attisha – Geralyn Lasher
  - Task Force Members – Geralyn Lasher
  - City of Flint Mayor's Office – Geralyn Lasher
  - Congress and legislature – Elizabeth Hertel

2 p.m.

- Issue press release and summary report
- Post press release and summary report to MDHHS website newsroom and Flint Water website, www.michigan.gov/flintwater

3 p.m.

- Pitched media interviews with Dr. Eden Wells:
  - Ron Fonger, MLive
  - Kristi Tanner, Detroit Free Press
  - Robin Erb, Detroit Free Press
  - Steve Carmody, Michigan Radio

MDHHS Contacts – Office Number 517-241-2112

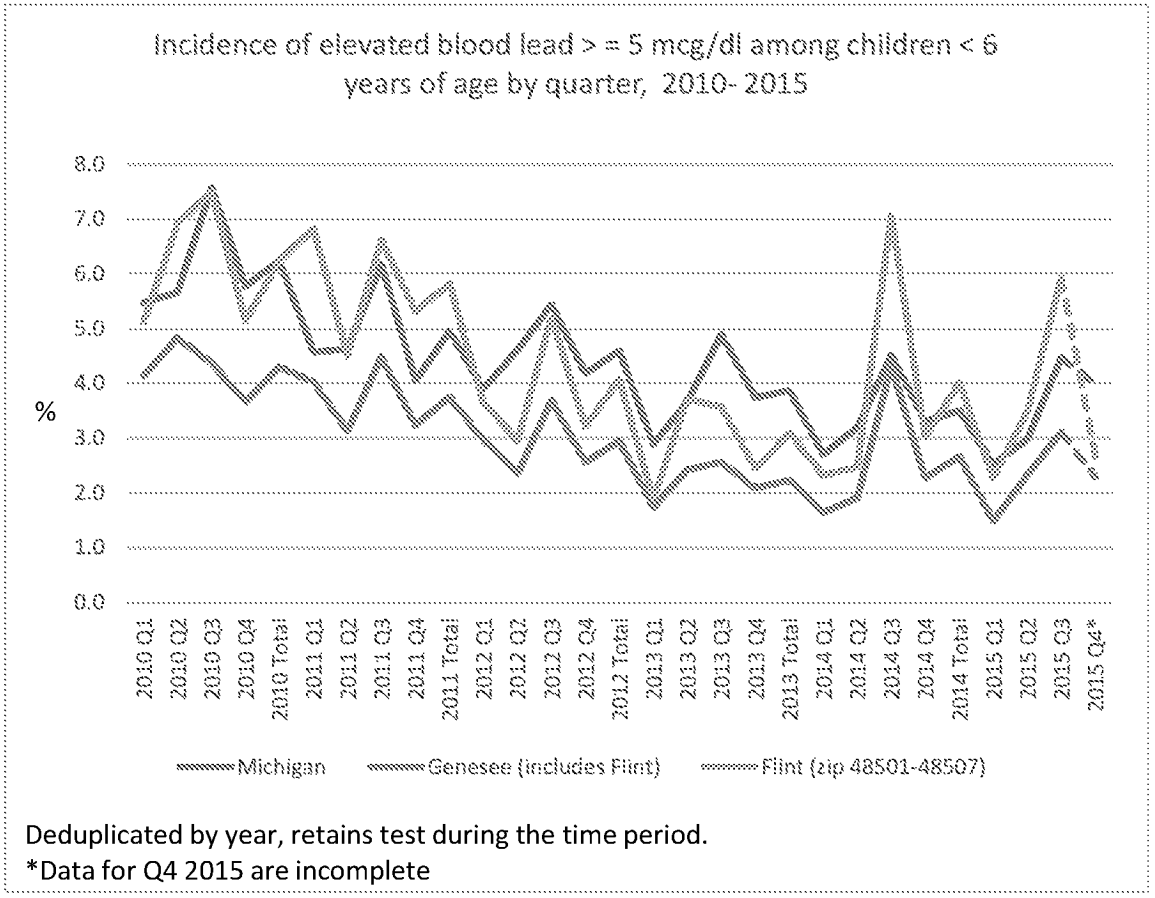
- Geralyn Lasher, cell – PPI
- Angela Minicuci, cell
- Jennifer Eisner, cell –

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of November 13, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



Deduplicated by year, retains test during the time period.
*Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	120,699	5,778	2,704	10,841	1,197	765
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,200	149	101	309	10	8
Total tested for lead 10/1/2015 to 11/13/2015:	14,593	957	560	1,412	502	409
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	583	22	15	38	6	6

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	11,685	860	526	143,225	7,835	3,995
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,195	30	15	5,704	204	124
Total tested for lead 10/1/2015 to 11/13/2015:	1,615	483	392	17,620	1,942	1,361
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	160	11	9	781	44	30

** Data for Quarter 4 of 2015 are incomplete and subject to change*

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Monday, December 07, 2015 3:31 PM
To: Snyder, PPI
Cc: Chris Kolb; Matt Davis; Lawrence Reynolds; Eric Rothstein; Baird, Richard (GOV)
Subject: Flint Water Advisory Task Force Recommendation
Attachments: KRS version of Snyder Letter 2 (1).docx

Dear Governor Snyder:

We want to thank you for the recent conference call between members of the Flint Water Advisory Task Force (FWATF), yourself, and members of your administration. Attached is a follow-up letter to that conference call outlining an initial set of recommendations that we believe should be implemented in the very near future to focus the state's efforts to protect the public health in Flint.

We both acknowledge and appreciate your personal interest in this issue and your commitment, not only to assisting the Task Force in our review, but--most importantly--to ensuring that the full measure of state resources are brought forward to protect the public health in Flint and throughout the state.

Respectfully,

Ken Sikkema

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

December 7, 2015

Dear Governor Snyder:

On Wednesday, November 18, 2015, the Flint Water Advisory Task Force met with representatives of the Michigan Department of Environmental Quality (MDEQ) and the Michigan Department of Health and Human Services (MDHHS) to discuss elements of the 10-point Action Plan designed to address various issues related to the ongoing public health protection challenges precipitated by lead in the Flint water supply. These discussions were held at our request as part of our task to make recommendations to prevent a similar occurrence in Flint or elsewhere, and also to monitor ongoing mitigation efforts.

Subsequent to those meetings, on Tuesday, November 24, 2015, members of the Task Force participated in a conference call with yourself, members of the Administration, and representatives of these agencies to discuss the progress to date on the 10-point Action Plan, as well as several other related issues.

We want to acknowledge the steps that have already been taken to implement the action plan, specifically in the areas of outreach efforts to facilitate blood lead testing for children, communication with health care providers in the Flint community about the importance of testing children for lead, and the training of additional public health nurses in the Genesee County Health Department. We do believe, however, that additional steps need to be taken to reach additional children for blood lead testing, assure proper follow-up with children found to have elevated blood lead levels, and to continue water testing. We will continue to assess state and local efforts and make recommendations regarding specific steps that we believe are warranted.

One primary concern we have at this point is that the current efforts appear to be taking place in the absence of a larger project coordination framework that measures results and clearly delineates responsibilities for continuing actions to protect public health. We believe the state is best positioned to facilitate this larger framework, which should address the following:

1. The need for MDHHS and MDEQ—and, possibly, other state agencies--to set **goals** for actions in collaboration with local and federal agencies and organizations.
2. The need for a set of corresponding **timelines** for the goals.
3. The need to establish **responsibility** for meeting the goals in a timely fashion and for **contingency plans** for the state if the goals are not being met.
4. The need for clear, regular **communication** with the Flint community and stakeholder groups regarding action steps and updates.

We also believe it important that a single person or entity—potentially independent of any one particular state agency and mutually agreeable to this Task Force and you, Governor—be established to provide effective coordination of ongoing activities and reporting on the status of mitigation measures. For this, we also believe a readily understood “dashboard” should be developed that reports on the goals, timelines and assignments. This will enable members of the Flint community, public health providers, and state agencies to know about the status of the Flint water crisis mitigation program, as well as promote coordination and accountability. The Task Force is prepared to assist in the development of that dashboard.

We believe it is vitally important that trusted members of the Flint community be engaged in communication on this issue, as well as the distribution of information conveyed by our suggested dashboard reporting. Accordingly, in advance of our final report, we would like to ensure the independent coordinator suggested above engage trusted community groups to begin rebuilding community trust in state actions.

We appreciate your personal interest in this issue, commitment to assisting the Task Force in our review, and—most importantly—commitment to ensuring that the full measure of state resources are brought forward to protect the public health in Flint and throughout the state.

Respectfully yours,

Flint Water Advisory Task Force:

Dr. Matt Davis

Chris Kolb

Dr. Larry Reynolds

Eric Rothstein

Ken Sikkema

From: Murray, David (GOV)
Sent: Thursday, December 10, 2015 3:56 PM
To: Snyder, PPI Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: REVIEW, please -- Draft Flint Water Task Force response
Attachments: 2 DRAFT Task Force response.pdf

Good afternoon, Governor,

Here is a draft response, pasted below and attached, to the letter from the Flint Water Task Force, incorporating suggestions from Rich and others. Please let me know if you want changes, and we'll prepare a version on letterhead.

Thank you for your time.

Dave

Dear Flint Water Advisory Task Force Members,

Thank you for your correspondence on Dec. 7, and, most importantly, for your hard work to promote public health and protect our residents as we move forward. Your efforts are both respected and appreciated.

As acknowledged in your letter, we have taken many steps to address the challenges in Flint as they relate to reducing lead exposure. I am pleased to see the progress since October, and recognize there is more work that must be done to ensure that this progress continues.

At the state level, there has been a confluence of efforts between Michigan Departments of Environmental Quality and Health and Human Services to coordinate with the Genesee County Health Department, local schools, and our partners in the non-profit community.

These partners are making progress, and we know we must always strive to improve practices and communication for continual improvement.

You make a solid suggestion about establishing a person who is independent of any one of the involved state agencies to serve as the point person to coordinate the ongoing work. I am recommending that Harvey Hollins, director of the Office of Urban Initiatives, carry out this effort. Harvey is well-versed in the issues and the challenges faced by our cities and will be effective in this role. Senior members of our executive team will continue to engage with your task force and provide direction and support to Harvey to ensure you will have continued support and cooperation. We also have retained Chris DeWitt, a veteran communications specialist, to strengthen community outreach efforts to make sure residents have access to the information they need.

I also support your suggestion of a dashboard to make information about our work and progress more accessible to the Flint community. These are critical measures that can be used as we look the challenges and progress in Flint, but also can be a part of efforts moving forward in other areas of our state. It's important that people have confidence that we are working to address any problems and will take the necessary actions to improve interaction among city, state and federal agencies. We also will continue to work with the medical community to consider how we can work together on wraparound needs of children who might experience health problems.
People in Flint and across our state deserve safe, clean water. I want them to be confident that the water coming out of their tap is safe for their families. And I want them to trust that their government – at all levels – is working effectively to protect them.

I thank you again for investing your time and expertise in this vitally important effort.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Flint Water Advisory Task Force Members,

Thank you for your correspondence on Dec. 7, and, most importantly, for your hard work to promote public health and protect our residents as we move forward. Your efforts are both respected and appreciated.

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I thank you again for investing your time and expertise in this vitally important effort.

Regards,

From: Holland, Meegan (GOV)
Sent: Tuesday, December 22, 2015 6:33 PM
To: Snyder, PPI aird, Richard (GOV); Calley, E PPI Agen, Jarrod (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Briefing on Flint water blog post

Colleagues,

Here is a quick summary of a blog post that appears on flintwaterstudy.org, based on 159 pages of DHHS emails requested by Virginia Tech researcher Marc Edwards under the Freedom of Information Act.

The headline: "Michigan Health Department Hid Evidence of Health Harm Due to Lead Contaminated Water: Allowed False Public Assurances by MDEQ and Stonewalled Outside Researchers"

Major points:

- Lee Ann Walters contacted DHHS nurse Karen Lishinski to discuss her child's high lead level. The response: "He is barely lead poisoned. If CDC had not changed their lead poisoning standard from 10 down to 5, we would not be having this conversation … I am working with kids in their 40's and 50's. It is just a few IQ points…it is not the end of the world."
- DHHS reached out to DEQ after some red flags about lead levels; Stephen Busch responded with inaccurate information. Even so, DHHS proceeded with studies on lead levels and found spiked levels for Q3 2014 and 2015 (third quarters – the summer months - often have season spikes). July 2015 memos indicate they could see something was awry, but the story implies that DHHS sat on the results.
- In September 2015, Brad Wurfel said a study was done and he used it to discredit data from Virginia Tech showing high lead levels. The blog post says Wurfel misrepresented the DHHS results and that DHHS "stood by and said nothing while MDEQ made false claims about what the blood lead data showed."
- Virginia Tech's Marc Edwards requested water data on 9/2/15. He waited for several weeks for the information, and the article talks about how the request caused a flurry of emails at DHHS, particularly between Robert Scott and Nancy Peeler (who work in the childhood lead prevention program). The story says the emails show the department was acting unethically because they appeared to be stonewalling Edwards and later Dr. Mona Hanna-Attisha.

DHHS' response:
"The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.
"When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.

"Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.
"Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18."

Media response: We have received requests from The Flint Journal, The Detroit Free Press, Michigan Radio, Huffington Post, Rachel Maddow and Flint TV.

If there are any questions, please feel free to ask away.

- Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Baird, Richard (GOV)
Sent: Thursday, December 24, 2015 10:24 AM
To: Snyder, PPI Hollins, Harvey (GOV); Holland, Meegan (GOV); Agen, Jarrod (GOV)
Subject: Today's Briefing
Attachments: FLint Outline of Role and Responsibility.docx; ATT00001.txt

Sorry for the late submission. Been trying to work this issue across various stakeholder groups and balance holiday commitments. Our Agenda (with Harvey adding under "Other":

1. Review HH Role and Responsibility as confirmed with FAATF (attachment (with some revision since meeting)

2. Other AATF Issues

a) schedule a conference call with Governor outlining current status

b) follow up with a letter discussing DEQ and leadership culture findings

c) Imminent Danger Declaration request

d) Concerns with Leadership appointments about to be made and DHHS recent responses/findings

e) Shared confidential plan relative to January 4 personnel actions

3. Discuss communications strategy as envisioned by MH, JA and RB last night (Meegan will be on call--Maybe Jarrod too busy not sure about yet)

4. Other (Harvey Hollins will deal with anything I missed)

Outline of Role and Responsibility—Harvey Hollins
Flint After Action Task Force and Local/County/State Coordination
Key Activities Draft

I. Confirm key stakeholders that should convene on a regular basis to do the following:

   a. Identify resources and support required to manage continued testing, cognitive assessment, updates on progress, impediments, community outreach, etc.

   b. Assess delivery of resources protocols and adjust (door to door, neighborhood centers, etc.)

   c. Agree a communications strategy within the stakeholder community and aggressively inform the residents of Flint of resources available and consequences of inaction.

II. Create a short/medium and long term plan to capture roles and responsibilities at the local, county, state (and federal if appropriate) levels which will be reviewed and approved by the key stakeholder body.

III. Be responsive to mayor, media, residents and all stakeholders about what currently is being done and how the way forward is being envisioned and agreed by stakeholder leadership.

IV. Work to eliminate duplication of effort and ensure that members of the science community engaged in assessing and protecting the public health have unfettered access to data, reports, etc. and establish a mutually agreeable process to surface and resolve conflicting interpretations of data when it occurs.

V. Coordinate with State departments (DHHS, DEQ, Executive Office) to secure funding needed and subject matter resources to ensure long term monitoring and remediation efforts.

VI. Ensure that the recommendations of the After Action Task Force are executed.

VII. Provide weekly status updates to Governor Snyder and members of his team charged with supporting the Chief Coordinator.

VIII. Determine how what is being done in Flint is relevant to other communities and needs to be shared as part of a state wide strategy. This may also impact future policy development to address long term infrastructure remediation.

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Tuesday, December 29, 2015 12:26 PM
To: Snyder, PPI
Cc: Chris Kolb; Matt Davis; Eric Rothstein; Lawrence Reynolds
Subject: Attached Letter from Flint Water Advisory Task Force
Attachments: FWATF-Snyder Letter %28122915%29.pdf

Dear Governor:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable time and effort to our review of the contamination of the Flint Water supply. Our focus has been on assessing what happened, why it happened, and what is needed to prevent any recurrence in Flint or elsewhere in the state We have also, as you know, been assessing on-going mitigation efforts.

Attached is a letter reporting our finding as to who bears the primary responsibility for what happened in Flint. We are sending this letter now because it has become clear to us that ascribing responsibility and ensuring accountability is both critical and urgent, and simply cannot wait for our final report. Establishing responsibility and accountability is the first step in re-establishing the trust between the citizens of Flint and their government and the agencies whose responsibility it is to protect their health. The current level of distrust also serves to compromise the effective delivery of protected services designed to address ongoing public health issues.

Thank you for the support you have given us and your demonstrated commitment to respond to our findings and recommendations.

On behalf of the Task Force

Ken Sikkema

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

December 29, 2015

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

<u>Regulatory Failure</u>

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan.

This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a

legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Matt Davis
Chris Kolb
Larry Reynolds
Eric Rothstein
Ken Sikkema

From: Calley, PPI
Sent: Tuesday, January 05, 2016 5:46 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Holland, Meegan (GOV); Redford, James (GOV)
Cc: Snyder, R PPI
Subject: Flint Water

Exceeding expectations should be the goal. Great work everyone on making this happen today.

MLive quote from the Mayor:

"I did not expect it (the governor's decision) as quickly as it happened, but I'll take it," Weaver said. "I believed this was what Flint should have. I'm going to keep my positive attitude going forward."

http://www.mlive.com/news/flint/index.ssf/2016/01/governor_declares_state_of_eme.html

From: Scott, Allison (GOV)
Sent: Friday, April 26, 2013 10:29 AM
To: Snyder, PPI
Cc: Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: FW: DWSD's responses to Flint's Questions
Attachments: DWSD KWA Background.pdf

fyi

From: Matthew Schenk [mailto:schenk@dwsd.org]
Sent: Friday, April 26, 2013 10:25 AM
To: ekurtz; hcroft@cityofflint.com
Cc: orrk; Dillon, Andy (Treasury); jfausone; Nicolette Bateson; Sue McCormick; Scott, Allison (GOV); William Wolfson; Stibitz, Brom (Treasury)
Subject: Fwd: DWSD's responses to Flint's Questions

Mr. Croft and Mr. Kurtz,

Attached is the back-up data that we believe is responsive to your request below. Please keep in mind that the information provided was developed in order to provide Flint with an "apples to apples" comparison of rates between the DWSD and KWA scenarios based upon current rate assumptions under the contract in place through April 2014.

As always, please feel free to call with any questions.

Matt

From: "Howard Croft" <hcroft@cityofflint.com>
To: "Sue McCormick" <mccormick@dwsd.org>
Cc: "Ed Kurtz" <ekurtz@cityofflint.com>
Sent: Thursday, April 25, 2013 2:24:32 PM
Subject: DWSD's responses to Flint's Questions

Good Afternoon Ms. McCormick,

We appreciate your response to our additional questions, Mr. Kurtz would like to know if you could provide a quick summary to the following inquiry.

On page two, in paragraph one, it is stated that "the total Water Utility Costs through 2042 are only $3,215.04 million, or $908.85 million less than the KWA scenario."

We are curious what formula DWSD used to calculate the $908.85 million dollars less than KWA?

We are meeting this afternoon to review your responses and any additional information on this issue would be greatly appreciated.

Thank you,

--
Howard Croft
Director Infrastructure & Development
City of Flint
1101 S. Saginaw Street
Flint, MI 48502
PH# 810.766.7346 Ext. PPI

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Matthew Schenk
Chief Operating Officer/
Chief Compliance Officer
DWSD
City of Detroit
Dave Bing, Mayor
(313) 224-4707

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Chief Compliance Officer
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DWSD / KWA Executive Summary Outline

Premise and Approach

- Review most recent audited financial statements to establish baseline water revenues from Flint and Genesee County (GCDC), and how such revenues are applied.
- Estimate how baseline will be impacted under two scenarios
    - Continued purchase of treated water from DWSD
    - Construction of new KWA raw water supply system and treated water supply system for Genesee County and construction of modifications to Flint Water Treatment Plant
- Compare estimated short, mid, and long term financial projections for each scenario

Assumptions – common to both scenarios

- Current application of revenues is most accurately depicted by published audited financial statements for most recently fiscal years
    - FY ended December 31, 2011 for Genesee County Drain Commission (GCDC)
    - FY ended June 30, 2012 for City of Flint
- Most recently audited figures for Flint / Genesse County operating expenses, capital expenses, etc. are representative – inflate at 4.51%, ***consistent with TYJT report***

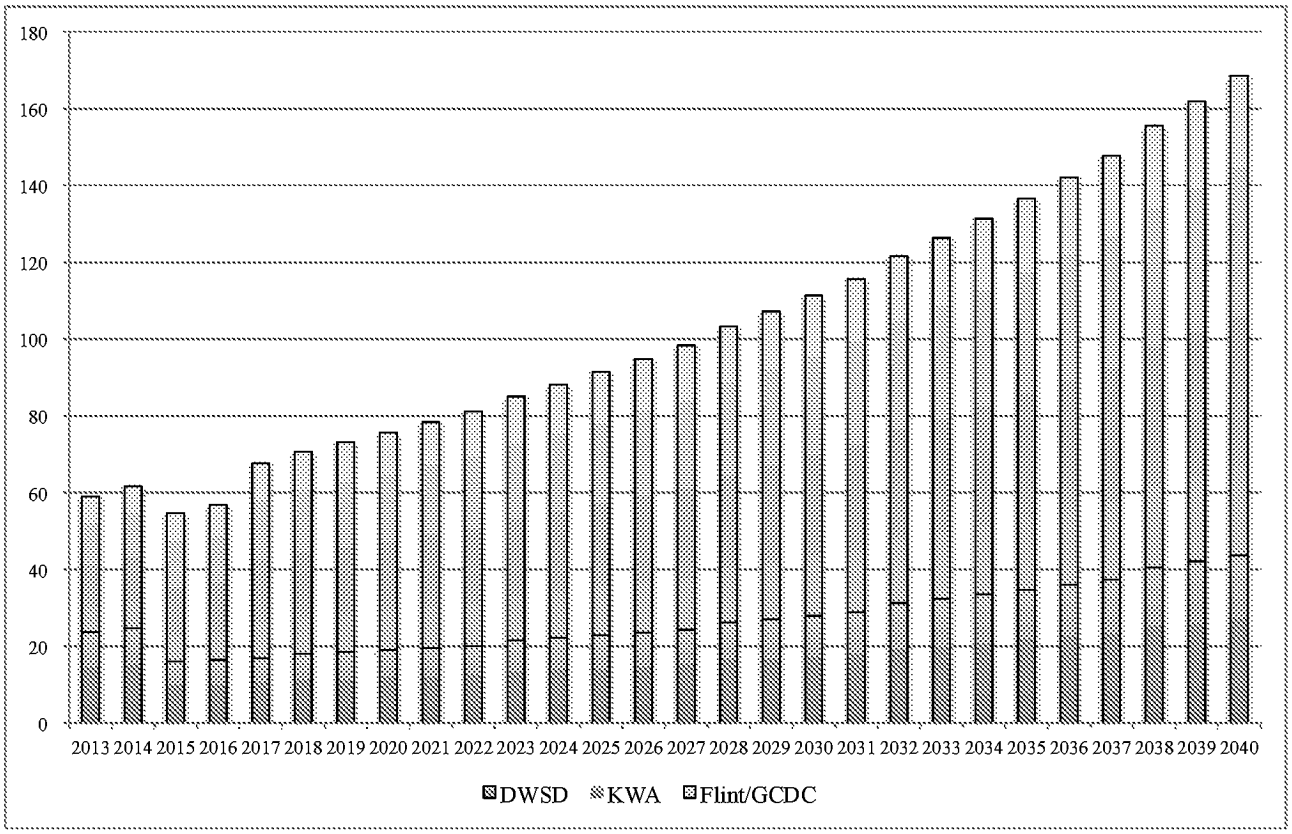
Assumptions – DWSD Scenario

- DWSD water rate schedule
    - DWSD rate structure to Flint / Genesee County is amended to reflect 4/24/2013 DWSD proposal, adjusted to reflect immediate reservation of 60 mgd capacity
    - DWSD rate escalation (for commodity and standby elements) at 4.7%, ***consistent with TYJT Report***

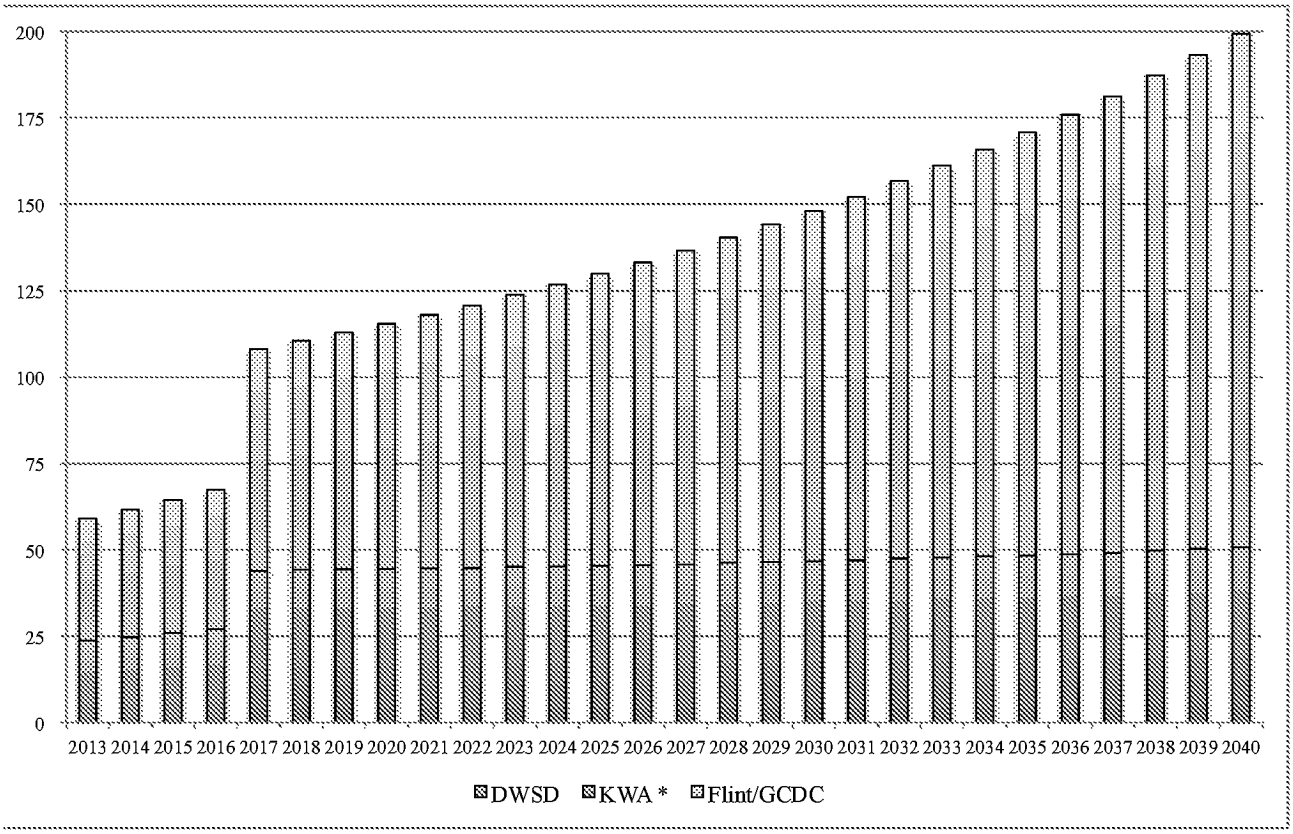
Assumptions – KWA Scenario

- KWA scenario begins in FY 2017, at which time purchased water from DWSD would cease
- Other than normal rate adjustments DWSD does not amend rate structure to Flint / GCDC
- KWA scenario costs
    - KWA Raw Water Pipeline and Appurtenances Construction = $357.58 million, ***consistent with TYJT report***
    - Flint Water Treatment Plant Construction Improvements = $7.1 million, ***consistent with TYJT report***
    - GCDC Water Treatment Plant Construction Improvements = $110 million, ***consistent with 2009 KWA Preliminary Engineering Report***
    - All construction costs are financed in terms set forth in the TYJT Report
        - 3 years of capitalized interest
        - Fully funded bond reserve account
        - Bond issuance expenses at 2.25%
    - In addition, revenues are assumed to need to generate 1.20x coverage of annual debt service
    - Flint Water Treatment Plant Operating costs = $8.27 million starting in 2017, ***consistent with TYJT report***
    - GCDC Water Treatment Plant Operating costs = $1.82 million starting in 2017, ***consistent with unit costs from the 2009 KWA Preliminary Engineering Report***

SUMMARY OF **TOTAL** PROJECTED WATER COSTS TO FLINT/GCDC - **DWSD** SCENARIO *($ millions)*



SUMMARY OF **TOTAL** PROJECTED WATER COSTS TO FLINT/GCDC - **KWA** SCENARIO *($ millions)*



Baseline Figures and Assumptions - DWSD Scenario

	DWSD Water Rate Structure		
	Fixed	Standby	Commodity
2014	738,006	0	13.01
2015	665,100	289,900	3.78

Total Water Service Costs for Flint / Genesee County Drain Commission

Costs of Current Facilities / Operations

	Most Recently Audited FY			Estimated Escalation		Estimated FY 2013 Baseline		
	Flint	GCDC	Combined	Flint	GCDC	Flint	GCDC	Combined
Purchased Water	8,303,710	12,947,738	21,251,448			*9,253,700*	*14,429,000*	23,682,700
Flint WTP	3,239,400	0	3,300,000	4.51%	4.51%	3,538,200	0	3,538,200
Other Operating Costs	12,361,400	5,831,540	18,132,344	4.51%	4.51%	13,501,500	6,369,400	19,804,800
Capital and Other	7,998,426	2,918,625	10,917,051	4.51%	4.51%	8,736,200	3,187,800	11,924,000
Total	31,902,936	21,697,903	53,600,843			35,029,600	23,986,200	58,949,700

Costs of Future Facilities / Operations

Redundant Line - Imlay to Baxter Potter

Cost of Redundant Line	94,680,000	
Issuance Expenses, etc.	2,177,600	
Required Financing	96,857,600	
Finance Rate	5%	
Finance Term	25	
Annual Payment	6,872,300	
Debt Svc Coverage	*125%*	
Annual Revenue Requirement	8,590,400	Start in FY 2017

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **DWSD** SCENARIO

		DWSD Purchased Water Costs							
		Water Purchases		Purchased	Water Rate Structure			Purchased	Total DWSD
		Avg Day	Max Day	Water	Fixed	Standby	Commodity	Water Costs	Costs
		mgd	*mgd*	*Mcf*	*$/mo*	*$/mo*	*$/Mcf*	*$*	*$*
Escalation:					*0.00%*	*4.70%*	*4.70%*		
1	2013	**25.0**	**60.0**	1,219,800	**707,000**	**0**	**12.46**	23,682,700	23,682,700
2	2014	25.0	60.0	1,219,800	**738,006**		**13.01**	24,725,700	24,725,700
3	2015	25.0	60.0	1,219,800	**665,100**	**289,900**	**3.78**	16,070,800	16,070,800
4	2016	25.0	60.0	1,219,800	665,100	303,500	3.96	16,453,600	16,453,600
5	2017	25.0	60.0	1,219,800	665,100	317,800	4.15	16,857,000	16,857,000
6	2018	27.0	60.0	1,317,400	665,100	359,400	4.35	18,024,700	18,024,700
7	2019	27.0	60.0	1,317,400	665,100	376,300	4.55	18,491,000	18,491,000
8	2020	27.0	60.0	1,317,400	665,100	394,000	4.76	18,980,000	18,980,000
9	2021	27.0	60.0	1,317,400	665,100	412,500	4.98	19,491,900	19,491,900
10	2022	27.0	60.0	1,317,400	665,100	431,900	5.21	20,027,700	20,027,700
11	2023	29.0	60.0	1,415,000	665,100	485,700	5.45	21,521,400	21,521,400
12	2024	29.0	60.0	1,415,000	665,100	508,500	5.71	22,162,900	22,162,900
13	2025	29.0	60.0	1,415,000	665,100	532,400	5.98	22,831,700	22,831,700
14	2026	29.0	60.0	1,415,000	665,100	557,400	6.26	23,527,900	23,527,900
15	2027	29.0	60.0	1,415,000	665,100	583,600	6.55	24,252,700	24,252,700
16	2028	31.0	60.0	1,512,600	665,100	653,200	6.86	26,196,000	26,196,000
17	2029	31.0	60.0	1,512,600	665,100	683,900	7.18	27,048,500	27,048,500
18	2030	31.0	60.0	1,512,600	665,100	716,000	7.52	27,948,000	27,948,000
19	2031	31.0	60.0	1,512,600	665,100	749,700	7.87	28,881,800	28,881,800
20	2032	33.0	60.0	1,610,200	665,100	835,600	8.24	31,276,400	31,276,400
21	2033	33.0	60.0	1,610,200	665,100	874,900	8.63	32,376,000	32,376,000
22	2034	33.0	60.0	1,610,200	665,100	916,000	9.04	33,529,400	33,529,400
23	2035	33.0	60.0	1,610,200	665,100	959,100	9.46	34,722,900	34,722,900
24	2036	33.0	60.0	1,610,200	665,100	1,004,200	9.90	35,972,600	35,972,600
25	2037	33.0	60.0	1,610,200	665,100	1,051,400	10.37	37,295,800	37,295,800
26	2038	35.0	60.0	1,707,800	665,100	1,167,500	10.86	40,537,900	40,537,900
27	2039	35.0	60.0	1,707,800	665,100	1,222,400	11.37	42,067,700	42,067,700
28	2040	35.0	60.0	1,707,800	665,100	1,279,900	11.90	43,662,800	43,662,800
29	2041	35.0	60.0	1,707,800	665,100	1,340,100	12.46	45,341,600	45,341,600
30	2042	35.0	60.0	1,707,800	665,100	1,403,100	13.05	47,105,200	47,105,200
	TOTAL			44,011,600	20,067,806	20,409,900		841,064,300	841,064,300

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **DWSD** SCENARIO

		Flint /Gen Co WTP Costs										GRAND
		Direct Capital Recovery				Flint Other	Flint WTP	Total Flint	Gen Co	Total Op	Total Flint/Gen	TOTAL
		Flint	Gen Co		Total	Water Costs	Op Costs	Op Costs	Op Costs	Costs	Co Costs	COSTS
		$	$		$	$	$	$	$	$	$	$
Escalation:		*4.51%*	*4.51%*			*4.51%*	*4.51%*		*4.51%*			
1	2013	8,736,100	3,187,800		11,923,900	**13,501,500**	**3,538,200**	17,039,700	**6,369,400**	23,409,100	35,333,000	**59,015,700**
2	2014	9,130,100	3,331,600		12,461,700	14,110,400	3,697,800	17,808,200	6,656,700	24,464,900	36,926,600	**61,652,300**
3	2015	9,541,900	3,481,900		13,023,800	14,746,800	3,864,600	18,611,400	6,956,900	25,568,300	38,592,100	**54,662,900**
4	2016	9,972,200	3,638,900		13,611,100	15,411,900	4,038,900	19,450,800	7,270,700	26,721,500	40,332,600	**56,786,200**
5	2017	10,421,900	3,803,000	**8,590,400**	22,815,300	16,107,000	4,221,100	20,328,100	7,598,600	27,926,700	50,742,000	**67,599,000**
6	2018	10,891,900	3,974,500	8,590,400	23,456,800	16,833,400	4,411,500	21,244,900	7,941,300	29,186,200	52,643,000	**70,667,700**
7	2019	11,383,100	4,153,700	8,590,400	24,127,200	17,592,600	4,610,500	22,203,100	8,299,500	30,502,600	54,629,800	**73,120,800**
8	2020	11,896,500	4,341,000	8,590,400	24,827,900	18,386,000	4,818,400	23,204,400	8,673,800	31,878,200	56,706,100	**75,686,100**
9	2021	12,433,000	4,536,800	8,590,400	25,560,200	19,215,200	5,035,700	24,250,900	9,065,000	33,315,900	58,876,100	**78,368,000**
10	2022	12,993,700	4,741,400	8,590,400	26,325,500	20,081,800	5,262,800	25,344,600	9,473,800	34,818,400	61,143,900	**81,171,600**
11	2023	13,579,700	4,955,200	8,590,400	27,125,300	20,987,500	5,500,200	26,487,700	9,901,100	36,388,800	63,514,100	**85,035,500**
12	2024	14,192,100	5,178,700	8,590,400	27,961,200	21,934,000	5,748,300	27,682,300	10,347,600	38,029,900	65,991,100	**88,154,000**
13	2025	14,832,200	5,412,300	8,590,400	28,834,900	22,923,200	6,007,500	28,930,700	10,814,300	39,745,000	68,579,900	**91,411,600**
14	2026	15,501,100	5,656,400	8,590,400	29,747,900	23,957,000	6,278,400	30,235,400	11,302,000	41,537,400	71,285,300	**94,813,200**
15	2027	16,200,200	5,911,500	8,590,400	30,702,100	25,037,500	6,561,600	31,599,100	11,811,700	43,410,800	74,112,900	**98,365,600**
16	2028	16,930,800	6,178,100	8,590,400	31,699,300	26,166,700	6,857,500	33,024,200	12,344,400	45,368,600	77,067,900	**103,263,900**
17	2029	17,694,400	6,456,700	8,590,400	32,741,500	27,346,800	7,166,800	34,513,600	12,901,100	47,414,700	80,156,200	**107,204,700**
18	2030	18,492,400	6,747,900	8,590,400	33,830,700	28,580,100	7,490,000	36,070,100	13,482,900	49,553,000	83,383,700	**111,331,700**
19	2031	19,326,400	7,052,200	8,590,400	34,969,000	29,869,100	7,827,800	37,696,900	14,091,000	51,787,900	86,756,900	**115,638,700**
20	2032	20,198,000	7,370,300	8,590,400	36,158,700	31,216,200	8,180,800	39,397,000	14,726,500	54,123,500	90,282,200	**121,558,600**
21	2033	21,108,900	7,702,700	8,590,400	37,402,000	32,624,100	8,549,800	41,173,900	15,390,700	56,564,600	93,966,600	**126,342,600**
22	2034	22,060,900	8,050,100	8,590,400	38,701,400	34,095,400	8,935,400	43,030,800	16,084,800	59,115,600	97,817,000	**131,346,400**
23	2035	23,055,800	8,413,200	8,590,400	40,059,400	35,633,100	9,338,400	44,971,500	16,810,200	61,781,700	101,841,100	**136,564,000**
24	2036	24,095,600	8,792,600	8,590,400	41,478,600	37,240,200	9,759,600	46,999,800	17,568,300	64,568,100	106,046,700	**142,019,300**
25	2037	25,182,300	9,189,100	8,590,400	42,961,800	38,919,700	10,199,800	49,119,500	18,360,600	67,480,100	110,441,900	**147,737,700**
26	2038	26,318,000	9,603,500	8,590,400	44,511,900	40,675,000	10,659,800	51,334,800	19,188,700	70,523,500	115,035,400	**155,573,300**
27	2039	27,504,900	10,036,600	8,590,400	46,131,900	42,509,400	11,140,600	53,650,000	20,054,100	73,704,100	119,836,000	**161,903,700**
28	2040	28,745,400	10,489,300	8,590,400	47,825,100	44,426,600	11,643,000	56,069,600	20,958,500	77,028,100	124,853,200	**168,516,000**
29	2041	30,041,800	10,962,400	8,590,400	49,594,600	46,430,200	12,168,100	58,598,300	21,903,700	80,502,000	130,096,600	**175,438,200**
30	2042	31,396,700	11,456,800		42,853,500	48,524,200	12,716,900	61,241,100	22,891,600	84,132,700	126,986,200	**174,091,400**
	TOTAL	533,858,000	194,806,200	214,760,000	943,424,200	825,082,600	216,229,800	1,041,312,400	389,239,500	1,430,551,900	2,373,976,100	3,215,040,400

Baseline Figures and Assumptions - KWA Scenario

	DWSD Water Rate Structure			
	Fixed	Standby	Commodity	
2014	738,006	#N/A	13.01	Service ceases after 2016

Total Water Service Costs for Flint / Genesee County Drain Commission

Costs of Current Facilities / Operations

Same as DWSD scenario

Costs of Future Facilities / Operations

Financing Costs for New Projects	Flint WTP Improvements	GCDC WTP and Other	KWA System (a)
Project Cost	7,100,000	110,038,554	357,578,060
Bond Sizing Factor	**37.65%**	**37.65%**	**37.65%**
Additional Bond Proceeds Needed	2,670,000	41,430,000	134,630,000
Bond Sale Size	9,800,000	151,500,000	492,200,000
Bond Issuance Expenses - %	2.25%	2.25%	2.25%
Bond Issuance Expenses	220,500	3,408,800	11,074,500
Finance Rate	5.00%	5.00%	5.00%
Finance Term	25	25	25
Bond Reserve Size - %	10.00%	10.00%	10.00%
Bond Reserve Size	980,000	15,150,000	49,220,000
Capitalized Interest term - years	3	3	3
Capitalized Interest	1,470,000	22,725,000	73,830,000
Net Bond Proceeds	7,129,500	110,216,200	358,075,500
Annual Debt Service Payment	695,300	10,749,300	34,922,800
Debt Service Coverage Requirement	120.00%	120.00%	120.00%
Annual Debt Service Coverage	139,100	2,149,900	6,984,600
Replacement?	144,900	2,251,600	(b)
Total Capital Financing Revenue Req't	979,300	15,150,800	41,907,400
Operating Cost Estimate Starting in FY 2017	8,270,000	1,819,900	(c)

(a) excludes raw water reservoir
(b) assume no annual replacement required for pipeline
(c) $1.30 per Mcf inflated to 2017

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		DWSD Alternative - DWSD Costs						Direct Capital Recovery				
		Water Purchases		Purchased	Water Rate Structure		Total DWSD					
		Avg Day	Max Day	Water	Fixed	Commodity	Costs	Flint	Gen Co	Flint New	Gen Co New	Total
		mgd	*mgd*	*Mcf*	*$/mo*	*$/Mcf*	*$*	*$*	*$*	*$*	*$*	*$*
Escalation:					*4.70%*	*4.70%*		*4.51%*	*4.51%*			
1	2013	**25.0**	**40.0**	1,219,800	**707,000**	**12.46**	23,682,700	8,736,100	3,187,800			11,923,900
2	2014	25.0	40.0	1,219,800	**738,006**	**13.01**	24,725,700	9,130,100	3,331,600			12,461,700
3	2015	25.0	40.0	1,219,800	**772,692**	**13.62**	25,886,000	9,541,900	3,481,900			13,023,800
4	2016	25.0	40.0	1,219,800	**809,009**	**14.26**	27,102,500	9,972,200	3,638,900			13,611,100
5	2017	25.0	**60.0**				0	10,421,900	3,803,000	**979,300**	**15,150,800**	30,355,000
6	2018	27.0	60.0				0	10,891,900	3,974,500	979,300	15,150,800	30,996,500
7	2019	27.0	60.0				0	11,383,100	4,153,700	979,300	15,150,800	31,666,900
8	2020	27.0	60.0				0	11,896,500	4,341,000	979,300	15,150,800	32,367,600
9	2021	27.0	60.0				0	12,433,000	4,536,800	979,300	15,150,800	33,099,900
10	2022	27.0	60.0				0	12,993,700	4,741,400	979,300	15,150,800	33,865,200
11	2023	29.0	60.0				0	13,579,700	4,955,200	979,300	15,150,800	34,665,000
12	2024	29.0	60.0				0	14,192,100	5,178,700	979,300	15,150,800	35,500,900
13	2025	29.0	60.0				0	14,832,200	5,412,300	979,300	15,150,800	36,374,600
14	2026	29.0	60.0				0	15,501,100	5,656,400	979,300	15,150,800	37,287,600
15	2027	29.0	60.0				0	16,200,200	5,911,500	979,300	15,150,800	38,241,800
16	2028	31.0	60.0				0	16,930,800	6,178,100	979,300	15,150,800	39,239,000
17	2029	31.0	60.0				0	17,694,400	6,456,700	979,300	15,150,800	40,281,200
18	2030	31.0	60.0				0	18,492,400	6,747,900	979,300	15,150,800	41,370,400
19	2031	31.0	60.0				0	19,326,400	7,052,200	979,300	15,150,800	42,508,700
20	2032	33.0	60.0				0	20,198,000	7,370,300	979,300	15,150,800	43,698,400
21	2033	33.0	60.0				0	21,108,900	7,702,700	979,300	15,150,800	44,941,700
22	2034	33.0	60.0				0	22,060,900	8,050,100	979,300	15,150,800	46,241,100
23	2035	33.0	60.0				0	23,055,800	8,413,200	979,300	15,150,800	47,599,100
24	2036	33.0	60.0				0	24,095,600	8,792,600	979,300	15,150,800	49,018,300
25	2037	33.0	60.0				0	25,182,300	9,189,100	979,300	15,150,800	50,501,500
26	2038	35.0	60.0				0	26,318,000	9,603,500	979,300	15,150,800	52,051,600
27	2039	35.0	60.0				0	27,504,900	10,036,600	979,300	15,150,800	53,671,600
28	2040	35.0	60.0				0	28,745,400	10,489,300	979,300	15,150,800	55,364,800
29	2041	35.0	60.0				0	30,041,800	10,962,400	979,300	15,150,800	57,134,300
30	2042	35.0	60.0				0	31,396,700	11,456,800			42,853,500
	TOTAL			4,879,200	3,026,707		101,396,900	533,858,000	194,806,200	24,482,500	378,770,000	1,131,916,700

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		Flint /Gen Co WTP Costs						
		Flint Other Water Costs	Flint WTP Op Costs	Total Flint Op Costs	Gen Co WTP Op Costs	Gen Co Op Costs	Total Op Costs	Total Flint/Gen Co Costs
		$	$	$	$	$	$	$
Escalation:		*4.51%*	*4.51%*		*4.51%*	*4.51%*		
1	2013	**13,501,500**	**3,538,200**	17,039,700		**6,369,400**	23,409,100	35,333,000
2	2014	14,110,400	3,697,800	17,808,200		6,656,700	24,464,900	36,926,600
3	2015	14,746,800	3,864,600	18,611,400		6,956,900	25,568,300	38,592,100
4	2016	15,411,900	4,038,900	19,450,800		7,270,700	26,721,500	40,332,600
5	2017	16,107,000	**8,270,000**	24,377,000	**1,819,900**	7,598,600	33,795,500	64,150,500
6	2018	16,833,400	8,643,000	25,476,400	1,902,000	7,941,300	35,319,700	66,316,200
7	2019	17,592,600	9,032,800	26,625,400	1,987,800	8,299,500	36,912,700	68,579,600
8	2020	18,386,000	9,440,200	27,826,200	2,077,400	8,673,800	38,577,400	70,945,000
9	2021	19,215,200	9,866,000	29,081,200	2,171,100	9,065,000	40,317,300	73,417,200
10	2022	20,081,800	10,311,000	30,392,800	2,269,000	9,473,800	42,135,600	76,000,800
11	2023	20,987,500	10,776,000	31,763,500	2,371,300	9,901,100	44,035,900	78,700,900
12	2024	21,934,000	11,262,000	33,196,000	2,478,200	10,347,600	46,021,800	81,522,700
13	2025	22,923,200	11,769,900	34,693,100	2,590,000	10,814,300	48,097,400	84,472,000
14	2026	23,957,000	12,300,700	36,257,700	2,706,800	11,302,000	50,266,500	87,554,100
15	2027	25,037,500	12,855,500	37,893,000	2,828,900	11,811,700	52,533,600	90,775,400
16	2028	26,166,700	13,435,300	39,602,000	2,956,500	12,344,400	54,902,900	94,141,900
17	2029	27,346,800	14,041,200	41,388,000	3,089,800	12,901,100	57,378,900	97,660,100
18	2030	28,580,100	14,674,500	43,254,600	3,229,100	13,482,900	59,966,600	101,337,000
19	2031	29,869,100	15,336,300	45,205,400	3,374,700	14,091,000	62,671,100	105,179,800
20	2032	31,216,200	16,028,000	47,244,200	3,526,900	14,726,500	65,497,600	109,196,000
21	2033	32,624,100	16,750,900	49,375,000	3,686,000	15,390,700	68,451,700	113,393,400
22	2034	34,095,400	17,506,400	51,601,800	3,852,200	16,084,800	71,538,800	117,779,900
23	2035	35,633,100	18,295,900	53,929,000	4,025,900	16,810,200	74,765,100	122,364,200
24	2036	37,240,200	19,121,000	56,361,200	4,207,500	17,568,300	78,137,000	127,155,300
25	2037	38,919,700	19,983,400	58,903,100	4,397,300	18,360,600	81,661,000	132,162,500
26	2038	40,675,000	20,884,700	61,559,700	4,595,600	19,188,700	85,344,000	137,395,600
27	2039	42,509,400	21,826,600	64,336,000	4,802,900	20,054,100	89,193,000	142,864,600
28	2040	44,426,600	22,811,000	67,237,600	5,019,500	20,958,500	93,215,600	148,580,400
29	2041	46,430,200	23,839,800	70,270,000	5,245,900	21,903,700	97,419,600	154,553,900
30	2042	48,524,200	24,915,000	73,439,200	5,482,500	22,891,600	101,813,300	144,666,800
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	TOTAL	825,082,600	409,116,600	1,234,199,200	86,694,700	389,239,500	1,710,133,400	2,842,050,100

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		KWA Costs								GRAND
		Debt Service	Covg/Other Capital Costs	Water Sales	Non-Revenue Water	Water Production	Unit Op Costs	Operating Costs	Total KWA Costs	TOTAL COSTS
		$	*$*	*Mcf*	*Mcf*	*Mcf*	*$/Mcf*	*$*	*$*	*$*
Escalation:					*5.00%*		*5.00%*			
1	2013				0	0		0	0	**59,015,700**
2	2014				0	0		0	0	**61,652,300**
3	2015				0	0		0	0	**64,478,100**
4	2016				0	0		0	0	**67,435,100**
5	2017	**34,922,800**	**6,984,600**	1,219,800	64,200	1,284,000	**1.58**	2,028,700	43,936,100	**108,086,600**
6	2018	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.66	2,301,900	44,209,300	**110,525,500**
7	2019	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.74	2,412,900	44,320,300	**112,899,900**
8	2020	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.83	2,537,700	44,445,100	**115,390,100**
9	2021	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.92	2,662,500	44,569,900	**117,987,100**
10	2022	34,922,800	6,984,600	1,317,400	69,300	1,386,700	2.02	2,801,100	44,708,500	**120,709,300**
11	2023	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.12	3,157,700	45,065,100	**123,766,000**
12	2024	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.23	3,321,600	45,229,000	**126,751,700**
13	2025	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.34	3,485,400	45,392,800	**129,864,800**
14	2026	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.46	3,664,200	45,571,600	**133,125,700**
15	2027	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.58	3,842,900	45,750,300	**136,525,700**
16	2028	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.71	4,314,900	46,222,300	**140,364,200**
17	2029	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.85	4,537,800	46,445,200	**144,105,300**
18	2030	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.99	4,760,700	46,668,100	**148,005,100**
19	2031	34,922,800	6,984,600	1,512,600	79,600	1,592,200	3.14	4,999,500	46,906,900	**152,086,700**
20	2032	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.30	5,593,200	47,500,600	**156,696,600**
21	2033	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.47	5,881,300	47,788,700	**161,182,100**
22	2034	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.64	6,169,400	48,076,800	**165,856,700**
23	2035	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.82	6,474,500	48,381,900	**170,746,100**
24	2036	34,922,800	6,984,600	1,610,200	84,700	1,694,900	4.01	6,796,500	48,703,900	**175,859,200**
25	2037	34,922,800	6,984,600	1,610,200	84,700	1,694,900	4.21	7,135,500	49,042,900	**181,205,400**
26	2038	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.42	7,945,800	49,853,200	**187,248,800**
27	2039	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.64	8,341,300	50,248,700	**193,113,300**
28	2040	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.87	8,754,800	50,662,200	**199,242,600**
29	2041	34,922,800	6,984,600	1,707,800	89,900	1,797,700	5.11	9,186,200	51,093,600	**205,647,500**
30	2042			1,707,800	89,900	1,797,700	5.37	9,653,600	9,653,600	**154,320,400**
	TOTAL	873,070,000	174,615,000	39,132,400	2,059,300	41,191,700		132,761,600	1,180,446,600	4,123,893,600

From: Brownfield, Michael (GOV)
Sent: Tuesday, November 24, 2015 5:02 PM
To: Snyder, PPI
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Scott, Allison (GOV)
Subject: Revised State of State outline - V3
Attachments: SOTSv3-11-24-2015.docx

Governor –

Per your request, this is the revised State of the State outline in Word, including changes from today.

Mike

2015

I. Intros and Acknowledgments
II. Dashboard
III. 2015

Not Responsive

G. Transition to 2016

1. Not Responsive
2. Flint, review other infrastructure (water & sewer)
3. Not Responsive

2016 and Forward -- Connecting All Corners of Michigan: We're stronger when we're working together.

I. Not Responsive

II.

Not Responsive

From: Utley, Corey (GOV)
Sent: Saturday, September 13, 2014 2:08 PM
To: Snyder, PPI
Cc: Scott, Allison (GOV)
Subject: St. Luke N.E.W. Life Center Follow Up

Below are the items you wanted to follow up on from Friday:

Not Responsive

- Flint Boil Water issues

Not Responsive

CLU

Corey Utley
Advance Coordinator
Executive Office of Governor Rick Snyder
work 517.241.2312
cell PPI
utleyc@michigan.gov

From: Murray, David (GOV)
Sent: Wednesday, December 09, 2015 12:38 PM
To: Snyder, PPI ; Scott, Allison (GOV)
Cc: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: Requested background information for interviews
Attachments: Handout_ExpandedInformation_Education_Energy_CJ_Flint.pdf

Good afternoon, Governor,

Attached is a single PDF with the handout and the expanded information, plus the briefings on energy, education, criminal justice, and Flint included.

I think this is everything you requested, but please let me know if there is anything else we can provide.

Dave

GOVERNOR RICK SNYDER

HIGHLIGHTS FROM 2015

In 2015, we worked hard to continue Michigan's remarkable reinvention, addressing our most difficult challenges with Relentless Positive Action. Together, we have come a long way over the last five years, but there is still more to accomplish.

CREATING JOBS

- Created more than 420,000 private sector jobs since 2011.
- Lowest unemployment rate in 14 years.
- September 2015 marked the first month since August 2000 that Michigan's jobless rate was below the national rate.
- Michigan ranks No. 1 in automotive jobs and No. 5 in overall job creation.
- Launched the Rising Tide initiative, providing economically challenged communities with tools to design and build a successful economic framework.

FIXING OUR ROADS

- Secured a long-term, comprehensive, sustainable solution to improve Michigan roads.
- The single largest investment in Michigan's roads over the last half century, providing an additional $1.2 billion over the next five years to improve road conditions.
- The plan ensures room for smart economic growth while continuing to invest in core priorities like education and our local communities.

BALANCING OUR BUDGET

- Michigan is five for five in getting balanced budgets done months ahead of the deadline.
- Ranked first nationally in Index of State Budget Process Quality, and second for most improved credit rating.
- The Rainy Day Fund will increase to $565 million at the end of FY2016 after being at $2 million in 2010.

HIGHLIGHTS FROM 2015

RIVER OF OPPORTUNITY

- Restructured state government to put people first and help them succeed.
- Created the Michigan Department of Health and Human Services to eliminate silos in state government and better serve our valued customers.
- Expanded Pathways to Potential into nine additional counties in 20 new schools and reduced chronic absenteeism by 37 percent in the 219 Pathways schools.
- Served more than 28,000 families with rental assistance to help reduce homelessness.
- MI First Home mortgage program allowed 1,563 families to attain the dream of homeownership, compared to 1,103 by this time in 2014.

FOCUSING ON SKILLED TRADES

- Created the Department of Talent and Economic Development and the Talent Investment Agency to close the skills gap and prepare talent for the highly skilled, technical jobs of today and tomorrow.
- Invested $85 million for skilled trades to develop a skilled workforce to support career and technical education and early/middle college programs. This allows students to earn a high school diploma, an associate's degree, technical certification, or up to 60 college credits through dual enrollment; skilled trades training and equipment programs, and increased funding for vocational education programs.

A HEALTHIER MICHIGAN

- Celebrated the first year of the Healthy Michigan Plan with more than 600,000 Michiganders enrolled.
- Healthy Kids Dental expanded to include Wayne, Oakland and Kent Counties and now operates in all of Michigan's 83 counties, covering 220,000 kids from birth to age 12.
- Continued carrying out the recommendations of the Mental Health and Wellness Commission.
- Increased support for children and families dealing with autism.
- Tested more than 110,000 newborns for severe disorders.

2015 Accomplishments Highlights

Confirmed: Lowest unemployment rate in **14 years.**

- DTMB Release September 2015: https://www.michigan.gov/documents/dtmb/State_8-15_Unemployment_500182_7.pdf

Confirmed: September 2000 marked the first month since August 2000 that Michigan's jobless rate was below the national average.

- DTMB release from October 2015: https://www.michigan.gov/documents/dtmb/LMI-Oct14_Release_503066_7.pdf

Details: Pathways to Potential: Expanded the program into nine additional counties in 20 new schools.

- Nine counties: Berrien, Clare, Gladwin, Gogebic, Grand Traverse, Jackson, Kalkaska, Manistee, Ontonagon

Details: Served more than 28,000 families with rental assistance to help reduce homelessness in Michigan

- MSHDA served over 28,000 families with rental assistance on the Housing Choice Voucher program while receiving a 'High Performer' rating from HUD. The 'High Performer' rating is on the annual Section 8 Management Assessment Program (SEMAP). The Housing Choice Voucher program also received high marks on a recent HUD audit of its financial reporting with no findings annotated in the report. Other accomplishments:

Details: MI First Home mortgage program allowed 1,563 families to attain the dream of homeownership, compared to 1,103 by this time in 2014

- MSHDA's MI First Home total funding exceeded $139.7 million, up from $88.8 million in 2014
- MI First Home loan program is a mortgage product that is available to first-time homebuyers state-wide and repeat homebuyers in targeted areas

Details: $85 million for skilled trades to develop a skilled workforce.

- $10 million increase for career and technical education and early/middle college programs
- $10 million increase for skilled trades training programs
- $7.2 million increase for the Jobs for Michigan Graduates, MAT2, Re-employment opportunities for Unemployed Workers, expanded MCAN College Advisor Outreach, updated student career planning tool, support for New Americans, and to pilot statewide student dual enrollment awareness campaign.
- $57.5 million for existing related skilled trade programs, including $36.6 million for vocational tech centers.
- Skilled trades efforts
    - 6,700 skilled trade job openings each year through 2022

- The Community College Skilled Trades Equipment program provided $50 million in grants to 18 community colleges for the purchase of state-of-the-art equipment that will allow them to deliver educational programs in high-wage, high- and middle-skill, and high-demand occupations. The 18 community colleges selected to receive grants are providing more than $21.5 million in matching funds.
- Campaign aimed at promoting opportunities in skilled trades to students and help close a growing talent gap. Through a partnership between the Michigan Economic Development Corporation, Michigan's Talent Investment Agency, Mike Rowe, TV host and founder of mikeroweWORKS, and Tom Daldin, host of Under the Radar Michigan, 11 videos will be created to address common misconceptions and perceptions about skilled trades, highlight opportunities and inspire K -12 students in Michigan as they begin to think about careers.
- Governor Snyder's statewide road show intended to connect with students, parents and educators to address perceptions and create more awareness on skilled trade careers. The road show will continue around the state over the next few months.
- Skilled Trades Training Fund trained more than 8,700 Michigan residents, and more than 275 companies took advantage of the program.

Growth: Healthy Kids Dental expansion

- FY 2010:
  - Program served 285,000 children in 61 counties.
- FY 2016:
  - Program serves 895,000 children in 80 counties & 3 partial counties (Oakland, Wayne, Kent)
- Change:
  - +19 FULL counties, 3 PARTIAL
  - +610,000 children
  - +214%

Examples: Continued carrying out the recommendations of the Mental Health and Wellness Commission.

- DHHS supported Mental Health First Aid training for 11,619 school staff, law enforcement, child welfare staff, court staff, and other Michigan residents through Mental Health and Wellness Commission funding. Mental Health First Aid is a course dedicated to providing individuals with the basic tools required to assist others in case of a developing mental illness or mental health crisis situation.
- Progress in 2015 includes:
  - Health Homes: Rolling out demonstrations in Manistee, Washtenaw, and Grand Traverse counties, to provide in-home integrated physical and behavioral healthcare for individuals with serious mental health conditions.
  - Children's Behavioral Action Teams: Referring children across the state to Children's Behavioral Action Teams which work with relatives and

community partners to transition high-risk youth out of institutions and into their communities. The program is currently assisting 14 youth in seven Michigan counties, and has helped discharge seven youth from the Hawthorn Center.
    - Stigma Reduction Campaign: Partnering with advocacy organizations across the state to implement the campaign on traditional and social media.
    - Project UNIFY: Working with 162 schools and the Special Olympics' initiative, encouraging more inclusive school environments for children with developmental disabilities.
    - Project SEARCH: Eleven schools are now placing young adults with developmental disabilities as interns in local businesses for their last academic year. This program is designed to lead to employment opportunities for participants and each school strives for a 60 to 100 percent employment rate.
    - Pathways to Potential: This program, which has expanded to 219 schools in 22 counties, puts success coaches in schools to work with principals, teachers and social workers to remove barriers to children attending school. These success coaches also partner with other organizations to provide easier access to needed assistance.
    - Housing Assistance: Providing 250 housing units in the communities with the most need and is on track to provide a total of 500 units in three years.
    - Smart 911 Rollout: Smart 911, which allows callers to provide dispatchers with more information about their situation, has been deployed in 14 counties and one city.

Details: 110,000 newborns tested for severe disorders

- Newborn Screening tested more than 110,000 newborns, providing early diagnosis for more than 50 rare, severe disorders.
- The Michigan Newborn Screening Program (DHHS) celebrated its 50th anniversary in 2015.

Detroit blight removal/demolition costs update:

Background

- As a first-of-its-kind national pilot, in 2013, MSHDA built Michigan's Hardest Hit Fund demolition program in the best, most efficient way possible at the time
- It was designed as a true federal, state, city partnership
- According to a review by the U.S. Treasury, MSHDA had outlined proper oversight and guidelines in its blight program manual for blight partners:
    - It contained everything from strategic plan submission requirements to partner participation agreements to a spending timeline, funding schedule, invoicing, performance reporting and much more.
- However, it contained no requirements for MSHDA to monitor either bid contracting or change orders among blight partners and Treasury
- MSHDA saw no need to add an extra layer of restriction above and beyond what was federally required

- We wanted local communities to be able to address the unique challenges of their cities
- Our operations manual stated that bidding and contracting were the sole responsibility of our blight partners in each community
- U.S. Treasury approved that approach

Where we are today

- We are in the process of reviewing requested documents from the Detroit Land Bank
- We are mindful that with any pilot there is the possibility that best practice is achieved by learning from experience
- Based on recent news reports and our review of Detroit's program, it has been demonstrated there is a need for greater clarity on how to manage the contracting and change order processes
- This is an opportunity for the state to take a leadership role in filling this gap
- Earlier this fall MSHDA started taking steps to do just that by reviewing blight partner programs in these areas and to strengthen the operations manual by providing additional oversight
- A new section was added to our blight ops manual regarding procurement bid package audits
    - All bid packs will be analyzed by a MSHDA/Hardest Hit Fund team, on a consistent and continual basis. They will:
        - Pull all bid packs
        - Take random sample of contractors that did not have the lowest bid but won the award
        - Take 100 percent sample of contractors that did not have the lowest bid but won the award
        - Review posting process to acquire bids
        - Perform review and analysis on change orders for contractors that received winning ward
- MSHDA is considering other possible policy changes in the new year
- If any of our reviews turn up any issues, we will take appropriate action

Points of pride

- This demolition program has been a great value for Michigan
    - To date, we have provided nearly $106 million in assistance to combat blight in 16 Michigan cities and demolished 7,125 abandoned blighted structures.
    - According to a Michigan State University Land Policy Institute study, declining foreclosure and tax foreclosure rates are being seen in Flint, Hamtramck, Lansing, Pontiac, River Rouge and Saginaw.
    - It also has proven effective in reducing violent crime and raising property values in some communities.
    - Demolition projects are restoring pride in neighborhoods and laying the groundwork for future economic success by making communities safer and better places to live, work, play and invest.

2015 Education Achievements

Things accomplished by the administration

- Brought together legislators in a bi-partisan early literacy workgroup.
- Held the Governor's Economic and Education Summit to bring together education and business leaders to make Michigan the #1 state for talent in the nation.
- Held the first-ever higher education summit with university presidents and trustees.
- Introduced a proposal to finally turn around Detroit schools.
- School Reform Office executive order (probably not something we'd tout publicly, though).

Things accomplished by other actors

- Passage of new science standards for Michigan
- Hiring of a new state superintendent
- Expansion of the Detroit Promise Scholarship

Things accomplished by partnerships with others

- Created and funded – to the tune of $30M - a robust early literacy policy.
- Passage of a teacher evaluation system.
- Creation of the MiSTEM Advisory Council.
- Increased per-pupil funding by $70-$140 per pupil.
- Increased funding to districts serving at-risk students by $70M.
- Expanded CTE and early/middle colleges.
- Created an early warning system for school district finances.
- Allowed for personal finance classes to meet the requirement for economics credit.
- Removed the fee cap on the teacher certification test, allowing for more robust and credible examinations for teachers looking to go into the classroom.
- Reduced the number of districts in financial deficit.

Forward-Thinking Goals

- Make Michigan the #1 state for talent.
- Continue the work on literacy (we might do an executive order creating a commission to look at literacy, but timing is not certain yet).
- Raise the accountability bar for all schools.
- Put Detroit schools on the path to academic and financial success.
- Make higher education more accessible and successful for students.

Criminal Justice Update for Year-End Interviews
Communications: Anna Heaton, heatona@michigan.gov, 517-242-2187

CJ Special Message reform bills:

- Overcriminalization/cleaning up Michigan's criminal code - seven bills ordered enrolled the first of week of Dec., including repealing criminal charges and penalties for:
    - Indecent language in the presence of women and children
    - Improper playing of the Star Spangled Banner
    - Crimes related to dueling
    - Trespassing and destroying cranberries, huckleberries or blackberries
- Swift and Sure Sentencing – passed House, waiting in Senate.
- Presumptive Parole – passed House, waiting in Senate.
- Wrongful imprisonment – legislation pending in both chambers.
- FOIA exemption on cybercrimes - legislation to be introduced in 2016.
- Body cameras/CLEAR report – report completed, legislation introduced on 12/3/15.
- Truancy – legislation pending in both chambers.

Other issues you may be asked about:

- Youth offender sentencing – recent testimony in House committee on 20-bill bipartisan package that changes how Michigan's youths are tried, sentenced and incarcerated.
- "Medical parole" - licensed care facility for frail, terminally-ill inmates - recent testimony in House committee.
- Medical marijuana - Passed House, stalled in Senate.
- Aramark >Trinity transition – Trinity in all facilities statewide as of Sept. 9. Had a "grace period" for violations that ended on Nov. 14, six months after initial contract started. Audit report on Aramark violations was released on Dec. 4.
- Diversity in law enforcement – Lawsuit filed in Wayne Co. 12/8/15 alleging discriminatory hiring practices. MSP is working to establish an explorer/cadet program for minority youth, ages 14-20, who live in a Secure Cities Partnership area.

Recent links:
Juvenile justice bills to limit kids in adult prisons
http://www.freep.com/story/news/politics/2015/12/01/juvenile-justice-reform-bills-draw-bi-partisan-support/76608382/
Editorial: Raise juvenile age in Michigan
http://www.detroitnews.com/story/opinion/editorials/2015/12/07/editorial-raise-juvenile-age-michigan/76894298/
Parole for medically frail inmates proposed by House
http://www.freep.com/story/news/politics/2015/11/14/parole-medically-frail-inmates-proposed-house/75651746/
State lawmakers expected to vote on restrictions on drones
http://michiganradio.org/post/state-lawmakers-expected-vote-restrictions-drones
State's women inmates housed in offices, TV rooms
http://www.freep.com/story/news/politics/2015/11/22/states-women-inmates-housed-offices-tv-rooms/75461878/
Audit finds $3.4M discrepancy in prison meal counts

http://www.freep.com/story/news/local/michigan/2015/12/04/audit-aramark-paid-34m-unverified-prison-meals/76771446/

2015 MDOC accomplishment highlights:

- Hired nearly 1,000 new corrections officers and reinstated training academy.

- Began new oncology clinic and hospice program at Duane Waters Health Center in Jackson.
    - Oncology unit reduces need for offsite care for cancer patients and results in cost-savings.
    - Prisoners will be trained to support their terminally-ill peers, terminally-ill patients will receive additional emotional support to end their lives with some degree of dignity.

- Re-entry efforts focused on vocational training.
    - Virtual welding simulators at Muskegon and Kinross facilities – safer and less costly, also train students more quickly to meet highly-marketable and in-demand skills.
    - Handlon Facility added 2 new instructors in welding and CNC machine programs, bringing total capacity for instructional programs from 15 seats to 120.
    - Handlon also restored auto mechanics program which was idle since June of 2012. Enrollment will total 30 students.

- Mobilizing field agents
    - 1,100 parole and probation agents have been equipped with mobile technology - iPhone 6+ and a mobile application of the case management system (OMNI), enabling agents to be more responsive to the offenders on their caseload and less constrained by traditional geographic boundaries.
    - The technology allows agents to access more of the information they need in the field to protect the public. This allows agents to spend more time in the communities and neighborhoods they serve rather than spending time in an office tied to their desktop computer. In addition, the mobile app allows, for the first time ever, agents to input information into the department's case management system with they are in the field; thereby maximizing their time and making them far more efficient.

Secure Cities data (Oct. 2015):

Percentage Change in Rates Since 2012								
	Detroit		Saginaw		Flint		Pontiac	
Year	Violent	Property	Violent	Property	Violent	Property	Violent	Property
2011	-0.2%	6.1%	-6.7%	5.5%	-16.9%	27.0%	19.3%	9.7%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2013	-0.5%	3.3%	-18.2%	-14.4%	-30.4%	-10.4%	-5.3%	-14.3%
2014	-8.1%	-17.0%	-29.5%	-29.0%	-37.3%	-15.6%	-10.0%	-28.6%
Trend								

Presumptive Parole talking points:

- Evidence-based parole, also known as presumptive parole, means that once an offender has served their minimum sentence as mandated by a judge, they will be eligible for release.

- Eligibility for evidence-based parole is based on a number of factors that show the offender has a "high probability of success," including behavior in prison, completion of degrees and other employability skills.

- Unless the parole board has a substantial and compelling reason to ask that the offender stays imprisoned, they will be prepared for release.

- However, what is substantial and compelling is not clearly defined. Without the structure that guidelines provide, decisions on similar cases will not always be consistent.

- Members of the parole board will react to certain crimes or certain offenders differently; the same person will react differently over time. Guidelines help ensure that similar cases are treated the same and have similar outcomes.

- Knowing a likely parole date is important as it helps the Department of Corrections with a timeline to prepare an offender to leave prison, such as ensuring they have ID cards, a resume, and employment recommendations.

- Overall, guidelines will ensure the entire corrections system works to the maximum level of efficiency, predictability and cost-effectiveness.

- House Bill 4138 will save $75 million in corrections costs for Michigan over the next five years. It will also reduce the prison population by 3,200 people. These aggregate savings at the state level result from the accumulation of relatively small impacts on counties.

- This could be a hugely missed opportunity to reinvest a substantial sum of taxpayer money to fund other essential services and improve the quality of life in Michigan.

Energy Update:

Current status of legislation, high level: We expect a vote in the House by the end of the year, and you praised the package (noting its bi-partisan nature) that passed committee as well as the work the Senate has been doing. We do not expect the full Senate to vote before the end of the year, but many fruitful discussions are going on. We are optimistic the whole package will make it to your desk early in the year.

- If asked: the media has finally figured out that the 30% goal by 2025 language from your energy message that made it into legislation doesn't actually involve building any more renewables. (30% = 9% renewables we already have + 6% energy waste reductions we have already done + 15% additional waste reduction). Therefore, you may get asked about this. You can reiterate that you think that based on economics alone, you would expect between 30-40% of Michigan's energy to come from a combination of energy waste reduction and renewables. Therefore, while you support the goal, economics alone will likely end up having us exceed that.
- If asked re the economics of energy waste reduction: the energy waste reduction we have already done has saved us approximately $4.2B from a combined expenditure of a little over $1B, **meaning we are enjoying more than $3B of savings since 2009**. Our most recent programs are even more cost-effective than prior years, pointing to just how much more we have to save. (Just for context, we spent more than $24B on coal and natural gas in the time frame we saved $4.2B of mostly fuel costs.)

Clean Power Plan/carbon rule, high level: We had overwhelming stakeholder support from across the spectrum for your decision to develop a state carbon implementation plan in order to comply with the "Clean Power Plan" the President announced (Republicans call it the "carbon rule"). Because having everyone from the MEC and the League of Conservation Voters to the Michigan Manufacturer's Association to every owner of a coal plant in the state actually agree on you doing something isn't a media story, the coverage focused almost entirely on your decision not to sue the EPA but Schuette's decision to do so. If asked, we recommend downplaying any conflict with the AG and noting Schuette has said he is optimistic about the plan your administration is developing. The stakeholder process will be announced before the end of the year.

- ***If after Dec. 14***, we will have announced the stakeholder process and released our initial modelling results. Those show that Michigan may not have to do anything at all to comply with the carbon rule for at least a decade (beyond what we are already planning to do in terms of plant retirements, and maintaining our levels of waste reduction (1%) and renewables (10%)). That will likely be the headline, and will make things awkward for the injunction request Schuette is pursuing on the basis that we have to do so much out of the gate we need the court to stop this now.

Other energy items from this year:

- We continued a multi-year trend of (inflation-adjusted) decreasing costs for industrial electricity (very different trend from other states in our region), and landed a number of high-intensity users because of that progress (e.g. the particle board facility in Grayling).
- The MPSC looked five years ahead and found that while we did not face an impending loss of power due to a lack of supply, we would switch from being a net exporter of power to an importer next year. That will mean we have to rely much more on a volatile market than we have in the past, and is one of the reasons we need the energy legislation.

- You created the Michigan Agency for Energy (MAE) and put out your 2015 energy message.
- You launched the Pipeline Safety Advisory Board to implement the task force reports. It has already begun work.

Flint Facts

1. **How many people have been tested since Oct. 1 Flint Water Action Plan was implemented?**
    - Total of 1,836 tested, 39 elevated results
        - Children 0 – 5: 806 tested
        - Children 6 – 17: 525 tested
        - Adults: 505 tested

2. **What are the most recent recommendations to protect your family from lead exposure?**
    - Protecting your family from lead in the water:
        - Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
        - Use a water filter in your home. MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department.
        - Run only cold water through the filter.
        - If you do not have a water filter, use bottled water for drinking and mixing formula.
        - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
        - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
    - Testing children:
        - Children who live in the city of Flint should be tested for lead exposure. This should be done as soon as possible.
        - The best place to get your child's blood lead test is your doctor's office. Contact your primary care provider.
        - Children can also get a free lead test at the Genesee County Health Department. For help with transportation, call 2-1-1.
    - Safe cleaning:
        - Safe cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.
        - Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
        - Wash hands and toys often with soap and water.
        - You can use unfiltered tap water to wipe down countertops, mop floors, and wash clothes

The DEQ continues implementing the Governor's 10-point action plan to protect kids and families in Flint:

1. SCHOOLS TESTING

- The Governor's plan commits that DEQ will test water in every Flint school. To date, 8 schools in Flint have undergone a thorough inspection of their plumbing. Crews from the state are completing one to two schools each weekend.
- The story has been the same in each school inspected: lead exposure has been limited to old drinking fountains and faucets that should have been changed out years ago. When these fixtures are run for a couple minutes, lead presence drops to safe levels. If / when these fixtures are removed, it will address the lead exposure in schools.
- DEQ has not identified lead in the deeper plumbing of the schools. That's great news. It means fixing the issue will be comparatively inexpensive and quick.

2. COMMUNITY WATER TESTING
    - Since September, more than 500 residents have taken advantage of free home water sampling through the DEQ lab. Results are updated regularly on the DEQ web site, www.michigan.gov/FLINTWATER.
    - Residents are encouraged to continue taking advantage of this free service, but also are encouraged to get kids tested for blood lead levels.

3. LEAD SERVICE LINE REPLACEMENT

- The only way to remove the threat of lead exposure in drinking water is to remove sources like old faucets and lead service lines. The DEQ is working with the city to develop a long-term plan for removing the service lines. This is complicated because the service line is the portion that runs from the city system to the residence. It's the part that is mostly on private property and is generally considered the customer's responsibility.
- DEQ worked with Congressman Kildee to get EPA approval to use Revolving Loan Fund dollars to accomplish lead service line replacement.

OTHER VARIOUS ISSUES:

- Cong. Kildee has renewed calls for loan forgiveness in Flint. The city owes the state approximately $20.8 million for past loans, and they're scheduled to be paid off in 2024. DEQ cannot forgive old loans; we can, however, build loan forgiveness into new loans. Forgiveness is presently capped at 30 percent on new loans.
- City has called on DEQ to pay for fixes to the broader water distribution system on the idea that running river water through the system for 14 months ruined it. That's an unproven statement. The system has been in a serious state of disrepair for many years. We have not addressed this issue in the media. We are focused on the Governor's plan.
- Lawmakers have called for the state to create a fund to provide wraparound services for the (Kildee says 7,000) kids exposed to Flint water situation. Don't know where the 7,000 number came from. DHHS has numbers of kids who actually have elevated blood lead levels. Again, not an issue we've addressed or plan to.

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 1:32 PM
To: Snyder, PPI
Subject: The Flint water statement

Here is the statement. It's going to senior and executive staff, plus directors, very soon. It will go to the media around 2:30 p.m.

Rich will respond to the task force in person at tomorrow's task force meeting. We don't plan a written response; however, I'll be compiling talking points from various senior staff for Rich.

The statement:

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community members to make sure we hear and respond to their concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Snyder, PPI

Sent: Friday, February 15, 2013 12:36 PM

To: Calley, PPI Muchmore, Dennis (GOV); Roberts, John (GOV); Scott, Allison (GOV)

Subject: COS agenda items

Attachments: COS Items 130215.docx

Please see the attached.

Thanks
Rick

COS Items
February 15, 2013

1. Not Responsive
2. EM other
   Not Responsive
   c. Flint Water
3. Not Responsive
4. Not Responsive
5. Not Responsive
6. Not Responsive
7. Not Responsive
8. Not Responsive
9. Not Responsive
10. Not Responsive
11. Not Responsive
12. Not Responsive
13. Not Responsive
14. Not Responsive
15. Not Responsive
16. Not Responsive

From: Snyder, PPI
Sent: Tuesday, February 26, 2013 12:30 PM
To: Scott, Allison (GOV)

COS Items
February 26, 2013

1. Not Responsive
2. EM other

Not Responsive

c. Flint Water

3.
4.
5.
6.
7.
8.
9. Not Responsive
10
11
12
13
14

15.

16.

From: Snyder, PPI
Sent: Thursday, April 04, 2013 5:14 PM
To: Muchmore, Dennis (GOV)
Cc: Scott, Allison (GOV)
Subject: Re: Just a head's up

Before I left, I thought all of us agreed that someone would let DWSD know that they were going to lose a key customer and that they would have 10 days to present a serious counter. What happened to this concept?

Thanks
Rick

Sent from my iPad

On Apr 4, 2013, at 9:43 AM, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov> wrote:

> As you know, the Flint people have requested Dillon's ok to break away from the DWSD. Andy has reviewed the proposed action, had it analyzed by Treasury and Dan Wyant and DEQ, and they all agree that Flint is correct. I have no way of determining whether this is the right action except to depend on the two departments charged with this responsibility, so I recommend that we support their determination and let the chips fall where they may. This will happen early next week, so we need to have you made aware and develop a message of support if that is what you want to do.
>
> We'll need to make sure that Orr knows about this as soon as possible so he can take it into his calculations. It would certainly diminish the DWSD base, and probably spin off a series of political questions for others still involved in the Detroit system. But, I don't see how you can support Detroit to the detriment of the rest of the state. You've done a lot for the city, but you also need to have a strong support for outstate for 2014.
>
> Sorry to bug you on your vacation, but the two emails today couldn't be avoided. I was trying to think of a way to make it up to you, so here goes: GO BLUE! (That was really tough to say…).
>
> Dennis C. Muchmore
> Chief of Staff
> Governor Rick Snyder, Michigan
> 517-241-5601

From: Snyder, PPI
Sent: Thursday, April 18, 2013 12:30 PM
To: Scott, Allison (GOV)
Subject: COS items

A few items to add:

Flint/DWSD

Not Responsive

Thanks
Rick

From: Snyder, PPI
Sent: Monday, January 26, 2015 1:00 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV); Agen, Jarrod (GOV)
Cc: Calley, PPI
Subject: Updated list
Attachments: 2015 Priorities draft v1.2 150126.docx

Please see the attached. For our discussion later this pm.

Thanks
Rick

2015 Priorities
January 24, 2015

Top Priorities

Not Responsive

Local Priorities

30. Not Responsive
31.
32.
33.
34.
35.
36. Flint EM exit (RB)
37. Flint water system (DW)
38. Not Responsive

Not Responsive

From: Snyder, PPI
Sent: Saturday, September 05, 2015 2:00 PM
To: Hollins, Harvey (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Clayton, Stacie (GOV)
Subject: Re: Flint Water Filters

Factually accurate update; but how did it go over with the residents?

Thanks
Rick

> On Sep 2, 2015, at 3:13 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:
>
> As you know, PPI donated 1500 kitchen water filters for Flint residents as a way of providing added comfort amid concerns about Flint's water quality. PPI do not want any publicity or credit for the donation.
>
> The filters were delivered to the Concerned Pastors organization, who held an event yesterday to give away the filters. Residents were invited to come to a central location to pick up their filter. The Concerned Pastors targeted low income Flint residents.
>
> More than 1500 households showed up yesterday to pick up a filter; the Concerned Pastors exhausted the donated supply in 4 hours with 200 people still waiting to get a filter.
>
> Best,
> Harvey

From: Snyder, PPI
Sent: Monday, September 28, 2015 7:05 AM
To: Muchmore, Dennis (GOV)
Cc: Calley, PPI Scott, Allison (GOV)
Subject: Re: Treasury update on Flint

I couldn't open the attachments. They showed up in some strange form.

Thanks
Rick

Sent from my iPad

On Sep 27, 2015, at 11:29 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

> This is from our meeting last week on Flint.
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** "Saxton, Thomas (Treasury)" <SaxtonT@michigan.gov>
> **Date:** September 16, 2015 at 5:18:54 PM EDT
> **To:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Khouri, Nick (TREASURY)" <KhouriN@michigan.gov>
> **Cc:** "Lyon, Nick (DCH)" <LyonN2@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Clement, Elizabeth (GOV)" <clemente@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>, "Roberts, John (DTMB)" <RobertsJ9@michigan.gov>, "Workman, Wayne (TREASURY)" <WorkmanW@michigan.gov>
> **Subject: Flint**
>
> Attached is the summary (prepared by Wayne's staff) of the call we/Treasury had yesterday with Flint. I would say nothing 'enlightening' really came out of the call.
>
> As indicated they asked about the status of the $30mm request to the Governor. Which coincidently is the ballpark number they are at risk for in the rate lawsuit(s).
> We said we did not have an immediate response other than it would likely require an appropriation by the legislature. This would probably lead to similar requests from other urban communities; but, we are still looking at it.
>
> We are not aware of any existing qualifying projects that the City has sought funding for in the SRF-drinking water program. They had asked previously for some funds on the wastewater side but had withdrawn the request because they lacked match funds.

<mime-attachment>

From: Snyder, PPI
Sent: Friday, October 02, 2015 10:13 AM
To: Agen, Jarrod (GOV)
Cc: Scott, Allison (GOV)
Subject: Flint

Do we have updated infographs?

Do we have an answer as to how to reconcile what Genesse County said yesterday with what we are saying today?

Any more info on the timing of filter availability?

Best way to talk about discussions with GLWA?

Thanks
Rick

Sent from my iPad

From: Snyder, PPI
Sent: Friday, October 02, 2015 10:57 AM
To: Muchmore, Dennis (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Question to consider

We should help get all of the facts on the consequences of changing back vs. staying and then determine what financing mechanisms we have available. If we can provide the financing, then we should let Flint make the decision.

Thanks
Rick

Sent from my iPad

> On Oct 2, 2015, at 7:38 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:
>
> It appears on the surface (without the deep dive we'll definitely do on it) that for $11M we can reconnect to DWSD system for the intervening time before KWA comes on line. That may well be the only way to bring any confidence back to the community. If you choose to do so, what if we created or expanding some revolving fund where Flint wouldn't have to start repaying until 2020 or whenever in the future to stretch the liability? If we needed to have a guarantee perhaps we could use the Escheats of the bottle bill money as a set aside or guarantor without having to touch the principal?

From: Snyder, PPI
Sent: Tuesday, October 06, 2015 8:05 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Scott, Allison (GOV)
Subject: Flint Water updates

We need a better update system re Flint Water.

I saw in the press this am that DHHS announced yesterday that water filters would start being given out today. This should have come internally with more detail. I had press questions last night.

Overall, we should have a daily report on Flint until our recommendations are fully implemented.

For example:
1. What are the water test results from the public schools?
2. How many free test have been requested? How many have been done? How many remain and how long have they been waiting? What are the results - no lead, lead consistent with history, higher levels?
3. How many filters have been distributed? How many unfulfilled requests?
4. New blood test results? Especially in the two zip codes.
5. Analysis of tech advisory group
6. Analysis of the GLWA vs. Flint River vs. KWA.

Thanks
Rick

Sent from my iPad

From: Snyder, PPI
Sent: Tuesday, October 13, 2015 7:45 AM
To: Scott, Allison (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Calley, PPI PPI
Subject: COS items

Please include the following:
1. Flint Water follow up and after action report Not Responsive

Not Responsive

Thanks
Rick

Sent from my iPad

From: Snyder, PPI
Sent: Wednesday, October 21, 2015 7:38 AM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Flint water question from Mildred

She claimed that two Flint children were in critical condition over lead. Her source was Rev. Bullock. I said I wasn't aware of that and that all of the identified children were being tracked by public health officials. Please check on the status of children with higher level of lead.

Thanks
Rick

Sent from my iPad

From: Snyder, PPI
Sent: Thursday, December 03, 2015 12:52 PM
To: Murray, David (GOV)
Cc: Scott, Allison (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Subject: Re: ACTION NEEDED on Flint water documents

Please proceed as recommended.

Thanks
Rick

Sent from my iPad

On Dec 3, 2015, at 12:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Good afternoon Governor,
>
> Sorry for the quick turnaround time on this, but DHHS is hoping to issue the release this afternoon to avoid issuing news on Friday. The DHHS team has answered the questions and made significant revisions to the press release at my request. I think this is far more reader friendly and people focused.
>
> Here are the specific answers to the questions:
>
> **Do the elevated lead levels stick with a person for life?**
> We do see blood lead levels decrease after education takes place and exposure to lead sources is reduced. The purpose of screening children for lead is to identify those with elevated levels. Removing potential sources of lead exposure and ensuring proper nutrition and healthcare leads to decreases in blood lead levels in follow-up testing, which is an important part of case management. Lead has a half-life in blood of approximately 25 days; in soft tissue, about 40 days; and in the non-labile portion of bone, more than 25 years.
>
> **Why do the lead levels spike on a seasonal basis?**
> When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.
>
> DHHS is requesting to issue this at 2 p.m. with Dr. Wells available to answer questions.
>
> Thank you for your consideration.
>
> Dave
>
> The notifications will be timed as follows:
>
> 1:30 p.m.
> - Send final embargoed release and summary report to:
> - Genesee County Health Department – Geralyn Lasher
> - Dr. Mona Hannah-Attisha – Geralyn Lasher
> - Task Force Members – Geralyn Lasher

- City of Flint Mayor's Office – Geralyn Lasher
- Congress and legislature – Elizabeth Hertel

2 p.m.

- Issue press release and summary report
- Post press release and summary report to MDHHS website newsroom and Flint Water website, www.michigan.gov/flintwater

Please let me know if you have any additional questions, edits or concerns.

Thank you,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

<Flint EBL Data Press Release V9.docx>

<Comms Plan - Flint EBL Data Summary 12315.docx>

<Flint Blood Lead Level Summary Report Dec.pdf>

From: Snyder, PPI
Sent: Tuesday, December 29, 2015 11:32 AM
To: Agen, Jarrod (GOV)
Cc: Baird, Richard (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
Subject: Re: Flint letter

Spoke with Dan. He concurred. Rich should give him a call. Rich, I will call you now to give you some additional call info.

Thanks
Rick

Sent from my iPad

On Dec 29, 2015, at 10:16 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> For 10:30am call.
> Slightly revised statement based on review from Legal:
>
> **DRAFT STATEMENT:**
> When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify possible missteps and areas for improvement.
>
> The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.
>
> Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.
>
> Moving forward we will listen intently and be more responsive to community needs.
>
> I have determined that it's appropriate to accept the resignation of MDEQ Director Dan Wyant, and have made other personnel changes to address problems cited by the task force.
>
> Changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.
>
> I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

But I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Agen, Jarrod (GOV)
Sent: Monday, December 28, 2015 10:37 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Snyder, Rick (GOV) PPI
Cc: Clement, Elizabeth (GOV) <clemente@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: RE: Flint letter

10:30 am tomorrow works.

Draft statement below. Language regarding Dan is included, pending our discussion tomorrow.

DRAFT STATEMENT

"When I became aware that the city of Flint's water showed elevated lead levels and that many the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify missteps and areas for improvement.

"The task force has done an exceptional job and has been relentless in focusing on the facts. It so far has reviewed stacks of documents and interviewed scores of Flint, Genesee County, state and federal officials, and keeping me and my team apprised of its progress.

"Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately to restore trust in how the state keeps its citizens safe and informed.

"No matter what the testing requirements were, they were not enough to prevent this situation. Moving forward we will listen intently and be more responsive to community needs.

"I am accepting the resignation of MDEQ Director Dan Wyant, and have made other personnel changes to address problems cited by the task force.

"Changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on the Flint water issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure containing lead lines.

"I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

"These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens."

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 10:24 PM
To: Snyder, Rick (GOV) PPI
Cc: Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: Re: Flint letter

10:30 good by me.

Sent from my Verizon Wireless 4G LTE DROID
On Dec 28, 2015 10:14 PM, "Snyder, Rick (GOV)" <PPI> wrote:

If it works, let's do a call at 10:30 tomorrow. Also, please send me the latest version of my proposed statement.

Thanks
Rick

Sent from my iPad

On Dec 28, 2015, at 8:24 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

Governor,

Attached is a letter from the Flint Water Task Force which will be formally sent to you tomorrow. The Task Force then plans to release this letter publicly on Wednesday morning.

You will see the letter is harsh against DEQ.

Rich, Redford, Harvey, Meegan, and myself all just gathered on a conference call to discuss our upcoming actions regarding Flint. While we don't think this letter should change any of our actions, we agreed we may need to accelerate some of the structural changes at DEQ.

Our suggestions:

1) **Make structural changes at DEQ as early as tomorrow:** The recommendations in this letter suggest profound change at DEQ and openly criticize Director Wyant. If this is the path that the Task Force is on, it is best to make changes at DEQ sooner rather than later. That likely means accepting Dan's resignation. It also means moving up the termination of the 3 DEQ personal previously planned for Jan 4 to tomorrow.

2) **Still do statement tomorrow from you regarding Flint:** This statement will be slightly revised by Meegan to acknowledge we received feedback from the Task Force and reiterate that we created the Task Force with the intent of getting honest independent feedback. More importantly, if we are making changes at DEQ, they can also be announced in the statement.

If you have a moment, it is probably best that Rich & I discuss with you over the phone tomorrow morning. But I wanted to get you some of our thinking tonight.

Let me know if there is a good time to discuss tomorrow.

Thanks
Jarrod

<Snyder Letter EPR v5-Clean.docx>

From: Murray, David (GOV)
Sent: Thursday, October 01, 2015 6:19 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Paciorek, Josh (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Revised DRAFT Flint water action plan. Please review!

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or connections might experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Department of Environmental Quality, and the Department of Health and Human Services, the U.S. Environmental Protection Agency, and the City of Flint.

"People are worried about their health and their families, and they need to have accurate information and know that help is available," Snyder said. "Today's action plan builds upon ongoing work with state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents can feel safe and address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Expanding health exposure testing of individual homes.
- Offering free water testing to Flint residents to assure their drinking water is safe.

- Accelerating an optimization of corrosion controls in the Flint drinking water system.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Accelerating water system improvements to address replacing lead service lines.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Providing water filters to residents with concerns or who are included in state assistance programs.
- Creating a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.
- Expediting the completion of the Karegnondi Water Authority pipeline.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. Additional information is available at www.michigan.gov/flintwater.
State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, MDHHS is making National Sanitation Foundation certified water filters available to clients who are active Family Independence Program, Food Assistance Program, Child Development and Care or Social Security Insurance recipients.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
PPI office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:19 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Biehl, Laura (GOV)
Subject: PLEASE review: Draft MLive guest column
Attachments: DM Mlive guest column 092015 (Autosaved).docx

Team, this is a draft guest column for MLive, building on the draft that Brad wrote – but with changes to focus on the action plan. I tried a more people-centered approach, thinking that the audience here is the residents. It's less defensive. It's also shorter. Please let me know if we need to make any changes, or if we are missing information you think should be in there.

Dave

By Nick Lyon and Dan Wyant

People in Flint – and all of Michigan – need to know that that then they turn on the faucet, the water they drink and bathe their children with, is safe and clean.

Flint residents have been hearing concerning news about the municipal water supply for more than a year. We're working to help Flint leaders address and fix short- and long-term problems with the city's water infrastructure.

A recent announcement by local doctors that blood lead levels are rising in children residing in Flint's most at-risk ZIP codes added to the state's knowledge and sparked some additional precautionary measures.

Experts are still working the data to determine exactly what it means, but the state takes lead seriously.

State agencies also are working in collaboration with the federal and Flint leaders to get residents accurate information to ease their fears.

Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.
We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to people who are in state assistance programs.

We're accelerating corrosion controls in the Flint drinking water system.

We're increasing the pace of water system improvements to address replacing lead service lines.

We're expediting the completion of the Karegnondi Water Authority pipeline.

We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

That's because the health and safety of Flint residents – and people across our state – is our first priority.

More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1.

Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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From: Lasher, Geralyn (DHHS)
Sent: Friday, October 02, 2015 9:22 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Biehl, Laura (GOV)
Subject: RE: PLEASE review: Draft MLive guest column

I think you will want to modify the filter language to now reflect the fact that filters will be provided to all Flint residents and not just assistance program folks with the $1 million Dan and Nick will be announcing.

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:19 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
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Dave Murray
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MurrayD1@michigan.gov
PPI office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:33 AM
To: Lasher, Geralyn (DHHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Biehl, Laura (GOV)
Cc: Hollins, Harvey (GOV)
Subject: RE: PLEASE review: Draft MLive guest column

This version includes the additional information about the filters.

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Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.
We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to Flint homes. The state is investing $1 million on this effort, building on the generosity and support of community groups and donors.
We're accelerating corrosion controls in the Flint drinking water system.

We're increasing the pace of water system improvements to address replacing lead service lines.

We're expediting the completion of the Karegnondi Water Authority pipeline.

We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

That's because the health and safety of Flint residents – and people across our state – is our first priority.

More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1. Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

From: Lasher, Geralyn (DHHS)
Sent: Friday, October 02, 2015 9:22 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: PLEASE review: Draft MLive guest column

I think you will want to modify the filter language to now reflect the fact that filters will be provided to all Flint residents and not just assistance program folks with the $1 million Dan and Nick will be announcing.

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:19 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen

(DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: PLEASE review: Draft MLive guest column

Team, this is a draft guest column for MLive, building on the draft that Brad wrote – but with changes to focus on the action plan. I tried a more people-centered approach, thinking that the audience here is the residents. It's less defensive. It's also shorter. Please let me know if we need to make any changes, or if we are missing information you think should be in there.

Dave

By Nick Lyon and Dan Wyant

People in Flint – and all of Michigan – need to know that that then they turn on the faucet, the water they drink and bathe their children with, is safe and clean.

Flint residents have been hearing concerning news about the municipal water supply for more than a year. We're working to help Flint leaders address and fix short- and long-term problems with the city's water infrastructure.

A recent announcement by local doctors that blood lead levels are rising in children residing in Flint's most at-risk ZIP codes added to the state's knowledge and sparked some additional precautionary measures.

Experts are still working the data to determine exactly what it means, but the state takes lead seriously.

State agencies also are working in collaboration with the federal and Flint leaders to get residents accurate information to ease their fears.

Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.
We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to people who are in state assistance programs.

We're accelerating corrosion controls in the Flint drinking water system.

We're increasing the pace of water system improvements to address replacing lead service lines.

We're expediting the completion of the Karegnondi Water Authority pipeline.

We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

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And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

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More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1.

Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
PPI office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 10:37 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Hollins, Harvey (GOV)
Subject: Updated press release with new filter information
Attachments: NR 151002 - Flint water action plan DM.docx

Team, here is the updated press release with the new information about the filters highlighted below. Please let us know if there should be changes.

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

"We are focused on helping ensure safe, clean, accessible drinking water and addressing and mitigating concerns and protecting public health," Snyder said. "Today's action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.
- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.

- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Residents can have their water tested by calling PPI and pressing 1, or emailing flintwater@cityofflint.com. The DEQ is covering the cost of this testing.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with free water filters and inform families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, National Sanitation Foundation certified water filters will be made available to Flint residents through emergency state funds and coordinated efforts with local community agencies and donors. Information about how to obtain the filters will soon be available.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

Additional information is available at www.michigan.gov/flintwater.

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Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 or Karen Tommasulo, 517-284-6714 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Friday, Oct. 2, 2015

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From: Murray, David (GOV)
Sent: Friday, October 02, 2015 10:48 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Agen, Jarrod (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: Draft of Free Press guest column
Attachments: 2 DRAFT freep editorial short 092015.docx

Team, this draft of the Free Press guest column builds on Brad's good work with slight changes. This one has a different audience that the MLive column and a different approach. Let us know if you require any changes.

Thank you for all you do.

Dave

By Nick Lyon and Dan Wyant

The health and safety of Michigan residents is always the state government's top priority.

That's why state regulatory leaders were disappointed by recent Free Press editorials mischaracterizing Lansing's oversight of the City of Flint's drinking water system. The paper's portrayal of the state as uncaring about drinking water quality and the community's exposure to lead are simply off the mark.

State and federal regulators run programs to monitor lead in drinking water and in kids' blood levels specifically to track lead impacts on our communities. Lead is a real concern, particularly in children, and we take our responsibility seriously.

But it is important to remember that lead is all around us. It is in soils, deposited for decades by leaded fuel and industrial processes. It is paint, in homes built in the mid-1970s or earlier. And it is unfortunately common in the plumbing and service connections of older homes, which is why the DEQ requires community water sources around the state to track and record it and take steps when levels surpass federal action thresholds.

Let's be clear: The Flint River is not contributing lead. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead. The lead issues are the result of water in homes that have lead service lines or lead plumbing.

And because the contamination factor is at the homeowner level, it is difficult to track or assess with the kind of specificity customers would like to think regulators have. Two homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

Emerging data from local doctors, however, added to our knowledge enough to spark some unusual precautionary actions. They reported to the media that blood lead levels in Flint kids at their offices are up this year. It's still early to know exactly what that means, but because lead is a serious threat

to children's development, we have decided to take some aggressive short-term precautionary measures and do more to learn exactly what is happening in the city.

The state today joined with local and federal authorities to present a comprehensive action plan designed to produce a clearer picture of lead in the community's water, offer immediate protection for its kids and families with corrosion control and free lead water filters, review and audit testing protocols, and immediately assess the schools to reassure parents their kids are not exposed to lead at the drinking fountains.

We're bringing help to people who need it. And we're also giving people accurate information so they can be confident that the water the drink and bathe their children with is safe.
Critics in the community and at the Free Press have said we have been slow to respond to Flint's drinking water concerns. The truth is that local, state and federal authorities have been paying very close attention to Flint's drinking water all along, but we have the responsibility to check facts and use the knowledge we have to develop responsible, meaningful strategies that will help everyone clearly understand the real risk level and take appropriate actions.

We will be transparent with all we are doing and everything we determine. But Flint residents should also recognize our ultimate success depends on their help. Residents with lead concerns can have their home water tested -- for free. Parents of younger kids should have their children get free blood lead level testing at the local community health department.
And state leaders are using emergency funds and working closely with community groups and donors to provide faucet water filters to all Flint homes.

We are committed to doing all we can to protect drinking water and public health, in Flint and the rest of Michigan. The plan set forth should send the strong signal that residents can be assured the city, state and federal regulators are accountable, forthright and working hard to protect them.

It is the community's responsibility to take the steps available to them as well. Ensuring public health is a public service, but the public can play a key role.

Learn more at Michigan.gov/FlintDrinkingWater

Nick Lyon is the director of the Michigan Department of Health and Human Services. Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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517-335-6397, office
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Nick Lyon is the director of the Michigan Department of Health and Human Services. Dan Wyant is the director of the Michigan Department of Environmental Quality.

From: Stanton, Terry A. (Treasury)
Sent: Friday, October 02, 2015 11:02 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: Timeline

Importance: High

FYI--

Kaffer and the Freep are constructing a "timeline" of the Flint water situation...and she has requested from me:

-dates for EM appointments, departures
-the date Andy Dillon signed off on KWA

I am also going to include a few other items; Flint's requests to "blend" river water with DWSD water and the DWSD contract cancellation letter.

Will ship the info to you shortly for review and input.

From: Brown, Jessica (GOV)
Sent: Friday, October 02, 2015 11:22 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Hollins, Harvey (GOV); Thelen, Mary Beth (DEQ); Andorfer, Bob (MDARD)
Subject: RE: Updated press release with new filter information
Attachments: NR 151002 - Flint water action plan DM.docx

Importance: High

Hello all,

It was brought to Karen's attention that one of the DEQ contact numbers was Director Wyant's desk line. That has been corrected in the attached draft. Please use this one moving forward.

Thanks,
Jessica

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 02, 2015 11:12 AM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: Fwd: Updated press release with new filter information

Sent from my iPhone

Begin forwarded message:

> **From:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Date:** October 2, 2015 at 10:37:13 AM EDT
> **To:** "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
> **Subject: Updated press release with new filter information**
>
> Team, here is the updated press release with the new information about the filters highlighted below. Please let us know if there should be changes.

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###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Friday, Oct. 2, 2015

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

"We are focused on helping ensure safe, clean, accessible drinking water and addressing and mitigating concerns and protecting public health," Snyder said. "Today's action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.

- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. The DEQ is covering the cost of this testing.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with free water filters and inform families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, National Sanitation Foundation certified water filters will be made available to Flint residents through emergency state funds and coordinated efforts with local community agencies and donors. Information about how to obtain the filters will soon be available.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

Additional information is available at www.michigan.gov/flintwater.

###

From: Stanton, Terry A. (Treasury)
Sent: Friday, October 02, 2015 12:30 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: RE: Timeline

Importance: High

I apologize for the length of this...but wanted you all to review it before I ship it to Nancy. Please advise of any suggested changes.

Flint EM dates for financial emergency declared in December 2011

Mike Brown, apptd 12-1-11 (when fin emer declared under PA 4 of 2011)
Ed Kurtz, apptd 8-8-12 (when PA4 was repealed in Aug 2012, Brown couldn't serve as EM, PA 72 back in effect)
Mike Brown, apptd 7-4-13 (Kurtz retired; PA436 in effect)
Darnell Earley, apptd 10-8-13 (Brown resigned)
Gerald Ambrose, apptd 1-13-15 (Earley appointed DPS EM)

Financial Emergency resolved, 4-29-15 (RTAB apptd)

Other dates

June 26, 2012 – Letter from EM Brown to DWSD seeking permission to blend river water with DWSD water (attached).

Sept. 20, 2012 – Letter from EM Kurtz to DWSD requesting written permission to implement blending (attached).

March 25, 2013 – The Flint City Council endorses joining KWA (see url below)
http://blog.mlive.com/newsnow_impact/print.html?entry=/2013/03/flint_city_council_approves_re.html

April 11, 2013 – Treasurer Dillion sends letter to EM Kurtz (attached) noting conditional approval of move to KWA (pursuant to PA436), pending a review of DWSD's last, best offer.

April 16, 2013 – EM Kurtz informs Treasury that the City will join KWA (attached).

April 17, 2013 – DWSD transmits letter to EM Kurtz terminating service to Flint, effective April 17, 2014 (attached).

April 17, 2014 – Water service from DWSD officially ends.

From: Lasher, Geralyn (DHHS)
Sent: Tuesday, October 06, 2015 5:28 PM
To: Kennedy, Jordan (GOV); Minicuci, Angela (DHHS); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Paciorek, Josh (GOV); Janiszewski, Erik (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Wurfel, Brad (DEQ); Eisner, Jennifer (DHHS); Weiss, Kurt (DTMB); Feuerstein, Heather (DEQ)
Subject: RE: Internal Communications Meeting

Importance: High

One content piece that Director Lyon just indicated he heard from Director Wyant is that even after a switch to Detroit water, there is a 3-6 month period of time where they need to do extensive testing to ensure the water is safe from a lead perspective. Therefore we will still need to be providing filters and replacement filters for people in Flint so we will incorporate the fact that we will also be purchasing the replacement filters for citizens to use while the system is tested, refined.

Just wanted to make sure you had this from a message development perspective.

-----Original Appointment-----
From: Kennedy, Jordan (GOV)
Sent: Tuesday, October 06, 2015 4:21 PM
To: Kennedy, Jordan (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Paciorek, Josh (GOV); Janiszewski, Erik (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Wurfel, Brad (DEQ); Eisner, Jennifer (DHHS); Weiss, Kurt (DTMB); Feuerstein, Heather (DEQ)
Subject: Internal Communications Meeting
When: Tuesday, October 06, 2015 4:30 PM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Communications Conference Room, 1st floor, Romney

Conference Call Info.

PPI
Code: PPI

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 1:29 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Flint Water FY 2016 Supplemental Budget Request
Attachments: Flint Water FY 2016 Supplemental Budget Request.docx

FYI

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 07, 2015 12:59 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: FW: Flint Water FY 2016 Supplemental Budget Request

info

From: Pallone, Maggie (DEQ)
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Krisztian, George (DEQ)
Subject: Flint Water FY 2016 Supplemental Budget Request

This went to SBO moments ago

DRAFT Flint Water FY 2016 Supplemental Budget Request

1. $1 Million for Filters

The $1 million for filters will be used to purchase filters for households in Flint that do not qualify for assistance under any of the DHHS assistance programs. Filters for those residents will be paid for out of funding already in place in DHHS' budget. Each filter cost $20 and were ordered in bulk through Home Depot. Filters are being distributed through local public health, with documentation filed for each filter handed out.

2. $6 Million for switch from Flint River to DWSD

It will cost the City of Flint an additional $1.3 million per month to use DWSD instead of the Flint River. The State and the City agreed to split the cost until June 2016, when the new Karegnondi Water Authority will be completed and Flint will switch to that water source. ($1.3 million for 9 months)

3. $1.5 Million for 12 additional staff to do community Lead Exposure Testing

DEQ, DHHS and LARA are assembling a team to go into schools and high risk homes to test for lead exposure. The request is for 8 staff for DHHS, 2 staff for DEQ and 2 staff for LARA.

4. $1 Million for evaluating sample results at the State Lab

The new testing protocols for schools will require each faucet in the school to be tested and evaluated at the State lab. In addition, lead exposure testing in homes will result in tens of thousands more samples that will be need to processed. Each sample costs $26 to process.

Total Ask: $9.5 Million

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 07, 2015 2:44 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Wurfel, Brad (DEQ); Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: FW: Flint water finance question

Sara & Dave...

Meant to send this earlier...but apparently didn't hit "send."

FYI---see below from Jacob. Given plan for tomorrow...please advise on how you want to proceed.

TS

From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Wednesday, October 07, 2015 12:00 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: Flint water finance question

Terry,

I know Flint is under the RTAB now, but would you be able to help connect me with someone that might be able to tell me just how much it would cost to connect the city back to the DWSD water supply? Let me know if you could help out today. Thanks!

--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

From: Kennedy, Jordan (GOV)
Sent: Wednesday, October 07, 2015 3:52 PM
To: Wurfel, Sara (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV)
Subject: RE: MA for review

Ok, updated address below.

Wednesday, Oct. 7, 2015
Contact: Sara Wurfel or Dave Murray
Office: 517-335-6397

Editor's note: Media must present valid press credentials on site.

Thursday, Oct. 8 at 10 a.m.
Gov. Rick Snyder will make an announcement regarding the Flint water system. He will be joined by Flint Mayor Dayne Walling, Director of Environmental Quality, Dan Wyant, Director of the Department of Health and Human Services, Nick Lyon, Dr. Eden Wells, Chief Medical Executive at DHHS, and Ridgway White of the Charles Stewart Mott Foundation.

A livestream option is also available at www.michigan.gov/snyderlive. If you wish to embed the event please visit http://new.livestream.com/snyderlive for more information.

Location:
Commerce Center/Mott Foundation Building - Conference Center, Ground Floor
519 S. Saginaw St.
Flint, MI

Thursday, Oct. 8 at 7 p.m.

Not Responsive

#####

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 3:32 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV)

<HeatonA@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: RE: MA for review

Not Responsive

From: Biehl, Laura (GOV)
Sent: Wednesday, October 07, 2015 3:18 PM
To: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: RE: MA for review

Not Responsive

From: Kennedy, Jordan (GOV)
Sent: Wednesday, October 07, 2015 2:51 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: MA for review
Importance: High

Team----

Below is the media advisory for tomorrow. The Livestream portion is highlighted because we are still checking to make sure the venue has livestreaming capabilities.

Wednesday, Oct. 7, 2015
Contact: Sara Wurfel or Dave Murray
Office: 517-335-6397

Editor's note: Media must present valid press credentials on site.

Thursday, Oct. 8 at 10 a.m.
Gov. Rick Snyder will make an announcement regarding the Flint water system. He will be joined by Flint Mayor Dayne Walling, Director of Environmental Quality, Dan Wyant, Director of the Department of Health and Human Services, Nick Lyon, Dr. Eden Wells, Chief Medical Executive at DHHS, and Ridgway White of the Charles Stewart Mott Foundation.

A livestream option is also available at [redacted]. If you wish to embed the event please visit [redacted] for more information.

Location:
Mott Foundation Building – Ground Floor
503 S. Saginaw St.
Flint, MI

Thursday, Oct. 8 at 7 p.m.

Not Responsive

#####

Jordan Kennedy
Communications Representative
Executive Office of Governor Rick Snyder
Phone: 517.335.6397

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 07, 2015 5:21 PM
To: Heaton, Anna (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Kennedy, Jordan (GOV)
Subject: RE: Flint water finance question

No problem...thanks.

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 5:17 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Cc: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Subject: Re: Flint water finance question

Terry - sorry to leave you hanging. We say either don't respond, or just tell him to stay tuned and he'll have an answer tomorrow morning. We will be sending advisory momentarily.

Sent from my iPhone

On Oct 7, 2015, at 2:43 PM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

> Sara & Dave...
>
> Meant to send this earlier...but apparently didn't hit "send."
>
> FYI—see below from Jacob. Given plan for tomorrow...please advise on how you want to proceed.
>
> TS
>
> **From:** Jacob Kanclerz [mailto:jacob@mirsnews.com]
> **Sent:** Wednesday, October 07, 2015 12:00 PM
> **To:** Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
> **Subject:** Flint water finance question
>
> Terry,
>
> I know Flint is under the RTAB now, but would you be able to help connect me with someone that might be able to tell me just how much it would cost to connect the city back to the DWSD water supply? Let me know if you could help out today. Thanks!
>
> --
> Jacob Kanclerz
> Reporter, MIRS News
> Office: 517-482-2125

Cell: PPI
Twitter: @jacobkanclerz

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 5:37 PM
To: Kennedy, Jordan (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Fwd: Final Draft Advisory

FYI team

Sent from my iPhone

Begin forwarded message:

From: "Kathryn A. Thomas" <kthomas@mott.org>
Date: October 7, 2015 at 5:13:44 PM EDT
To: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Subject: RE: Final Draft Advisory

Not Responsive

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 4:58 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Subject: FW: Final Draft Advisory
Importance: High

Not Responsive

From: Kennedy, Jordan (GOV)
Sent: Wednesday, October 07, 2015 4:48 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Final Draft Advisory

Wednesday, Oct. 7, 2015
Contact: Sara Wurfel or Dave Murray
Office: 517-335-6397

Editor's note: Media must present valid press credentials on site.

Thursday, Oct. 8 at 10 a.m.
Gov. Rick Snyder will make an announcement regarding Flint water. He will be joined by Flint Mayor Dayne Walling, Michigan Environmental Quality Director Dan Wyant, Michigan Department of Health and Human Services Director Nick Lyon, Dr. Eden Wells, the state's Chief Medical Executive, and Ridgway White, president of the Charles Stewart Mott Foundation.

A livestream option is also available at www.michigan.gov/snyderlive. If you wish to embed the event please visit http://new.livestream.com/snyderlive for more information.

Location:
Commerce Center/Mott Foundation Building - Conference Center, Ground Floor
519 S. Saginaw St.
Flint, MI

Thursday, Oct. 8 at 7 p.m.

Not Responsive

#####

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:28 PM
To: Kennedy, Jordan (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV)
Subject: FW: Updated MDHHS Talking Points
Attachments: Flint Water Talking Points 100715.docx

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 4:57 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Updated MDHHS Talking Points

Attached talking points updated to include info re: extended hours for water filter distribution, school testing results, NSF filter certification.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

Blood Lead Levels in Flint Talking Points
October 7, 2015

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Extended hours are being offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS currently serves approximately 25,000 households in Flint.

School Testing and Results

- The state today also released the first results from its free lead screening program in schools.
- Out of 13 buildings tested, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.
- However, this sampling provides only an initial screen, and MDHHS toxicologists will work with DEQ to conduct further testing.
- Schools on the Flint water system should continue using filtered or bottled water to protect against potential lead exposure.

Background Information

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.

- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.

- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:29 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Kennedy, Jordan (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: 151008. Media QA
Attachments: 151008. Media QA.docx

Importance: High

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 07, 2015 5:03 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Subject: 151008. Media QA

Questions with some draft answers. Not by any means final, but here's first crack at this.

Flint Drinking Water

Media Q&A

Oct. 8, 2015

Switch to Great Lakes Water Authority

What finally pushed the state to this decision?
This was the City's request, and the Governor supports it, based on several key factors: In the near term, DWSD water will be easier to manage. It comes from a more stable source than the river, it is fully optimized for corrosion control, and it is clear that residents of Flint have more confidence in this water source.

Will this solve Flint's water crisis?
In combination with the other short term, intermediate term and long-term steps outlined last week, this move represents a big step forward. Flint still has serious system maintenance challenges it must address.

If you're saying residents will still have lead because of their plumbing, does that mean every other city in this state has a lead problem?
Many areas of the state have lead in their infrastructure mix.

Where's the state getting the money to fund this?
We have submitted a formal request to lawmakers via the appropriations process.

Where's the city getting the money to fund this?
The city is contributing all it can, and is getting assistance for its match from the Mott Foundation.

How long will the switch take?
The switch will be completed by the City and Great lakes Water Authority, but our understanding is that it can be accomplished in the very near term once the arrangements are complete.

How long will it take before Detroit's corrosion controls provide protection for Flint?
It will take some time for the corrosion control additives to build on pipe walls throughout the system. Estimates vary. The state can assure we will commence monitoring of the system early 2016 and report results as we get them to keep the community updated.

Why do residents still need to use filters and bottled water?
The filters and bottled water are responsible precautions for any resident concerned about lead exposure.

Do the filters actually work? We've been hearing they don't protect for lead.
Yes, the filters work. They are all certified for lead removal by the National Sanitation Foundation.

The filters are only good for 100 gallons. What happens when they are used up?
They will need to be replaced. And residents can get a new filter.

What about restaurants?

What's going to be done about lead service lines?
Long term, this is the only permanent solution to lead exposure. The state has committed to helping the city accomplish this goal long term.

Do you wish you'd made this switch sooner?
We support the City's decision. We can't look backward. We feel the state has responded quickly and effectively as information has surfaced, been investigated and verified. While the City of Flint is, right now, in compliance with the federal Lead and Copper Rule, we recognize there is a disparity between surveillance testing and other testing happening in the community that we need to better understand and we are working on developing our knowledge.

<u>Schools testing</u>
What do these results say?
The results say we need to further investigate Flint schools and help the schools find clearer causes for some the results we got.

Any theories about what's going on?
It is possible there are specific points in the plumbing that have lead components which need to be replaced, but we can't say anything definitively until we perform an investigation at each school.

Do the schools have lead service lines? If not, why are they getting such high results?
The schools we tested initially do not have lead service lines. There are a few possible reasons why lead is being detected at specific points in the buildings and not others. When we know things definitively, we will make the information public.

How long do the schools have to stay on bottled water? Just until the switch to Detroit, or longer term?
We are encouraging the schools to continue their current protective measures as a precaution until we can get into the buildings and get more answers.

Why did you only test 13 schools?
That was what the Flint Public Schools requested.

What happens to other schools?
We will test all the schools in Flint if they request it.

What about the schools that can't afford to update their entire plumbing systems?
This is why we are having plumbing assessments completed. There is no way to know yet what each building will require.

How confident are you in your testing? You've got results all over the map.
We are confident that our testing meets the requirements for the federal Lead and Copper Rule, which is surveillance monitoring. The bigger question is whether surveillance monitoring meets the public health protection standards that Lead Exposure Testing methods do. The EPA is working on that question now, and we are engaged in that dialogue.

What do you mean by "health exposure testing"? What are you doing next?

The 90th percentile of your results is still below 15 ppb. Does that make you more or less confident in your testing and in your protocols?
It makes us confident that the testing protocol delivers consistent results. But again, it does raise questions about whether this testing method shows what people think it does or what they really want to know, which is actual lead exposure from lead plumbing in a home.

Any idea how long kids have been exposed to lead? Was it before the move to the Flint River?
That is possible. We don't know.

How does the state bring this new information into the broader picture of kids' lead exposure across the state?

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:54 PM
To: Kennedy, Jordan (GOV)
Cc: Agen, Jarrod (GOV); Biehl, Laura (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV)
Subject: Updated comms plan for briefing
Attachments: Comms plan_timeline - Flint water (V 10-7-15).docx

Importance: High

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

Flint water action plan – next steps
Communications & Outreach Plan
DRAFT (10/7/2015)

Situation overview:
Water and concerns about lead levels in the city of Flint have been escalating since the city moved to the Flint River as its source of water after switching from DWSD in the spring of 2014 with local plans to move to a new water authority – the Karegnondi Water Authority or KWA – slated to be online in June 2016. Numerous tests have shown the water overall to be safe with non-detect lead levels when leaving Flint water treatment plan and below widely recognized federal action levels (15 ppb) in most surveillance monitoring. However, like many communities across the state and country, Flint's infrastructure is aging and hasn't been updated in decades, facing outdated lead service connections and lead pipes in individual homes. Some water tests have indicated definite elevated lead levels within some homes, neighborhoods and zip codes, with some children in those same areas also experiencing elevated lead levels, causing great concern for all parties.

Race, poverty and local governance (with city's history of emergency managers) have all been raised as issues or allegations, adding to the challenges.

Given all factors involved, it has been deemed prudent and best for public health and restoring confidence in water system to temporarily switch back to Detroit water, now governed by an entity called the Great Lakes Water Authority, as the city's water source until the new KWA is completed. A special technical advisory committee comprised of public health and drinking water experts has concurred and recommended such a path. The cost to do so is estimated at about $12M over nine months. The state is proposing to cover about half of the cost with the city ($2M) and community organizations (C.S. Mott Foundation at $4M) pledging to cover the balance.

Goals/objectives:
- Ensure governor and state focus is on protecting public health and ensuring safe, accessible drinking water and all the action steps that are being taken to help ensure those two priorities.
- Minimize and diffuse finger pointing and tension between all stakeholders.
- Effective, concise communication that makes it clear for both residents and schools what next steps are and that state is committed to doing everything it can to help address situation in partnership and collaboration with city and community leaders.
- Restore confidence in Flint water.
- Convey shared responsibility to address.

Action steps/tools with timeline:
Wednesday, Oct. 7
- Coordinate with MI Depts of Environmental Quality and Health & Human Services
- Coordinate with Mott Foundation

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- Find and finalize venue, logistics, establish security plan
    - Confirm live streaming capability and AV details (podium, sound system, mult box, lavalier and hand held mics, etc).
    - Determine visuals and room set up. Current plan is simply U.S., state of MI and city of Flint flags with "Taking Action on Flint Water" podium sign. (See attached).
    - Assure protest area, access and entrance points and plan, attendee list and contingency plans, etc
- Follow up discussions with DWSD, GLWA members (city, Oakland, Wayne & Macomb counties) and Mayor Duggan.
- Coordinate with Flint city communications
- Coordinate with DWSD/GLWA communications
- Coordination/briefing to MDE Superintendent of Schools Brian Whiston and DOC Director Heidi Washington

2 – 4:30 p.m. (TENATIVE)
- Expanded technical advisory committee meets to discuss and evaluate corrosion control plans as well as potential implications and benefits of switch back to Detroit water.

3:30 p.m.
Governor briefs Senate and House Republican leaders

4:30 p.m. (TENTATIVE – dependent on timing and outcome of technical advisory committee)
- Send media advisory with basic notice of planned 10 a.m. press conference "to make an announcement re: Flint water"
- Scheduling invites Sen. Ananich and Reps. Neely and Phelps to press conference (no specific details yet)

5 p.m.
Touch base conference call with EO, DEQ, DHHS teams to close loops, share all latest information, determine last needed action items.

6 p.m.
- Send draft plan, release and all related materials to Governor and team for review and edit.

Thursday, Oct. 8
8 a.m.
- Team arrives in Flint to set up
- Final edits on all materials due to comms team.
- DEQ Director Wyant briefs Sen. Ananich and Reps. Neely and Phelps on specifics of next steps/plan briefs
- Governor calls Cong. Dale Kildee and briefs him on next steps/plan
- Bill McBride briefs U.S. Sens. Gary Peters & Debbie Stabenow

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9 a.m.

- Meeting with Governor, Flint Mayor Walling, DEQ, DHHS, Mott Foundation to finalize details
- DEQ water testing lab and DHHS public health teams contact the Flint schools to share the testing results and next steps on protocol, actions
    - Flint Schools Superintendent Bilal Tawwab
    - Genesee Co. ISD Superintendent
- DHHS Dr. Eden Wells briefs Genesee Co. Health Dept/Health Officer Mark Valacak
- DEQ briefs Genesee Co. Drain Commissioner Jeff Wright
- SBO Director John Roberts contacts Senate and House Appropriations Chairs (Sen. Dave Hildendbrand & Rep. Al Pscholka) re: Detroit water switch and supplemental request
- DEQ Director Wyant and DHHS Director Nick Lyon contact respective budget subcommittee chairs and vice chairs (Sens. Marleau & Green and Reps. Roger Victory & Chris Afendoulis) re: Detroit water switch and supplemental request
- Harvey Hollins/Dennis Muchmore brief/invite other key stakeholders TBD
    - Select group of ministers and pastors
    - Flint Chamber
    - UM Flint
    - United Way
    - Flint Community Foundation

9:45 – 10 a.m.

- Prebriefing to walk through press conference run of show, last Qs, etc.,

10 – 10:30 a.m.

- Press conference kicks off

(SEE RUN OF SHOW/BRIEFING)

10:05 a.m.

- News release goes out; posted to web site
- Social media posts

<u>Qs/issues</u>

Funding positioning – Gov is "asking Legislature," "committed to finding match", etc.
Roles of legislators, i.e. Cong. Kildee, Sen. Ananich, Reps. Neely and Phelps

CONFIDENTIAL/DRAFT

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 7:22 PM
To: 'Kathryn A. Thomas'
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Draft release

Importance: High

Greetings again, Kathryn –

And here is the draft confidential news release with placeholders for the Mayor and Mr. White's quotes. Dependent on final details getting worked out at tomorrow's meeting.

Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a Mott Foundation media contact here as well. Would that be yourself? And which numbers/contact info should we use?

Thanks again. We are very glad to be working with you on this.

Best regards,
SW

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"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

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The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

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Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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Laura Biehl
PPI mobile
biehll@michigan.gov

Anna Heaton
PPI mobile
heatona@michigan.gov

Corey Utley (Advance Coordinator)
PPI mobile
utleyc@michigan.gov

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To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,
Kathryn

Kathryn Thomas
Vice President – Communications
Charles Stewart Mott Foundation
503 S. Saginaw Street, Suite 1200
Flint, MI 48502-1851
office: 810-766-1734 | cell: PPI

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To: Wurfel, Sara (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Draft release
Attachments: Draft release_initial Mott comments.docx

Importance: High

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From: Kathryn A. Thomas <kthomas@mott.org>
Sent: Wednesday, October 07, 2015 9:42 PM
To: Wurfel, Sara (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Draft release
Attachments: Draft release_Mott comments and RHW quote.docx

Importance: High

Not Responsive

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Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a Mott Foundation media contact here as well. Would that be yourself? And which numbers/contact info should we use?

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From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 6:26 PM
To: 'Kathryn A. Thomas' <kthomas@mott.org>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: security contact

Not Responsive

Not Responsive

Nature of comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

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From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 6:20 PM
To: Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: security contact

Highlighted below.

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 4:32 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Subject: RE: Contact info

Not Responsive

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 4:19 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Subject: RE: Contact info

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From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 1:27 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
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From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 12:41 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Janiszewski, Erik (GOV) <JaniszewskiE@michigan.gov>; Utley, Corey (GOV) <UtleyC@michigan.gov>
Subject: RE: Contact info

Not Responsive

Laura Biehl
PPI mobile
biehll@michigan.gov

Anna Heaton
PPI mobile
heatona@michigan.gov

Corey Utley (Advance Coordinator)
PPI mobile
utleyc@michigan.gov

Not Responsive

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,
Kathryn

Kathryn Thomas
Vice President – Communications
Charles Stewart Mott Foundation
503 S. Saginaw Street, Suite 1200
Flint, MI 48502-1851
office: 810-766-1734 | cell: PPI

Gov. Rick Snyder: ~~Move back~~Return to ~~Detroit~~ Lake Huron water provides best protection for public health in Flint

State, ~~Mott Foundation and~~ city and ~~-~~Mott Foundation ~~form~~ ~~partnership~~join to fund switch

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"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous ~~donation~~support, and the dedication of all parties to come together to protect Flint families and children."

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," said Mott Foundation President Ridgway White. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

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From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 9:53 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hollins, Harvey (GOV); Tommasulo, Karen (DEQ); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Biehl, Laura (GOV)
Subject: Updated press release with Harvey's edits
Attachments: 151008 Flint water release_V3.docx

Team,

This new version incorporates Harvey's edits. Thanks, Harvey! We can add the quotes in the morning or later this evening.

Dave

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State, Mott Foundation, city form partnership to fund switch until KWA is ready

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Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Thursday, Oct. 8, 2015

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Sent: Wednesday, October 07, 2015 9:59 PM
To: Kathryn A. Thomas
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Re: Draft release

Many thanks, Kathryn. I think we can concur with nearly all of these and agreed on clarification re: connection and timeframe. Headline will be a challenge since they also pull water from Detroit River. Will send updated version once we have other review and edits in.

Would it be helpful / do you want to connect yet tonight? Will be more than happy to call if so. Otherwise don't want to bug you this late.

Just let me know.

SW

Sent from my iPhone

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Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

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School test results released; more investigation planned

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In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

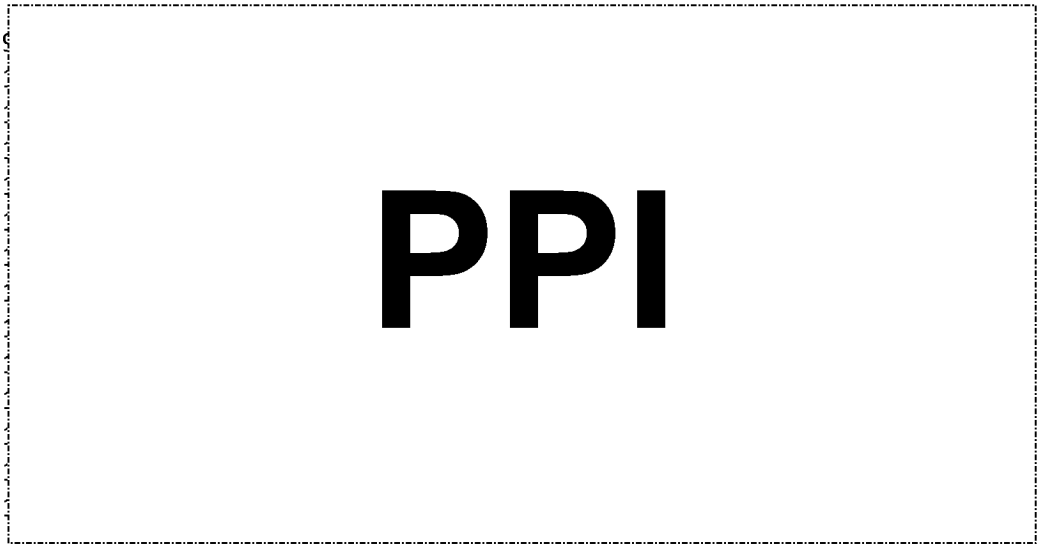
Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 6:26 PM
To: 'Kathryn A. Thomas' <kthomas@mott.org>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: security contact

Thanks so much, Kathryn. Sorry to bother you so late.

Run of show & comment topics below:



Nature of comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

---

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 6:20 PM
To: Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: security contact

Highlighted below.

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 4:32 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Subject: RE: Contact info

Not Responsive

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 4:19 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Subject: RE: Contact info

Not Responsive

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 1:27 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: Contact info

Not Responsive

Kathryn

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 12:41 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Janiszewski, Erik (GOV) <JaniszewskiE@michigan.gov>; Utley, Corey (GOV) <UtleyC@michigan.gov>
Subject: RE: Contact info

Not Responsive

Not Responsive

Laura Biehl
PPI mobile
biehll@michigan.gov

Anna Heaton
PPI mobile
heatona@michigan.gov

Corey Utley (Advance Coordinator)
PPI mobile
utleyc@michigan.gov

Not Responsive

Thanks again and warm regards,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,
Kathryn

Kathryn Thomas
Vice President – Communications
Charles Stewart Mott Foundation
503 S. Saginaw Street, Suite 1200
Flint, MI 48502-1851
office: 810-766-1734 | cell: PPI

<Draft release_Mott comments and RHW quote.docx>

From: Kathryn A. Thomas <kthomas@mott.org>
Sent: Wednesday, October 07, 2015 10:01 PM
To: Wurfel, Sara (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Draft release

Not Responsive

-----Original Message-----
From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 9:59 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Re: Draft release

Many thanks, Kathryn. I think we can concur with nearly all of these and agreed on clarification re: connection and timeframe. Headline will be a challenge since they also pull water from Detroit River. Will send updated version once we have other review and edits in.

Would it be helpful / do you want to connect yet tonight? Will be more than happy to call if so. Otherwise don't want to bug you this late.

Just let me know.

SW

Sent from my iPhone

On Oct 7, 2015, at 9:41 PM, Kathryn A. Thomas <kthomas@mott.org<mailto:kthomas@mott.org>> wrote:

Not Responsive

Kathryn

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 8:23 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov<mailto:Wurfels@michigan.gov>>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov<mailto:BiehlL@michigan.gov>>; Heaton, Anna (GOV) <HeatonA@michigan.gov<mailto:HeatonA@michigan.gov>>
Subject: RE: Draft release
Importance: High

Hi, Sara.

Not Responsive

Not Responsive

Kathryn

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 7:22 PM
To: Kathryn A. Thomas <kthomas@mott.org<mailto:kthomas@mott.org>>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov<mailto:BiehlL@michigan.gov>>; Heaton, Anna (GOV) <HeatonA@michigan.gov<mailto:HeatonA@michigan.gov>>
Subject: RE: Draft release
Importance: High

Not Responsive

SW

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. - Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical

Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

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Other good practices<http://michigan.gov/documents/deq/FlintWater_Tips_100115_002_501845_7.pdf> for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

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To: 'Kathryn A. Thomas' <kthomas@mott.org<mailto:kthomas@mott.org>>
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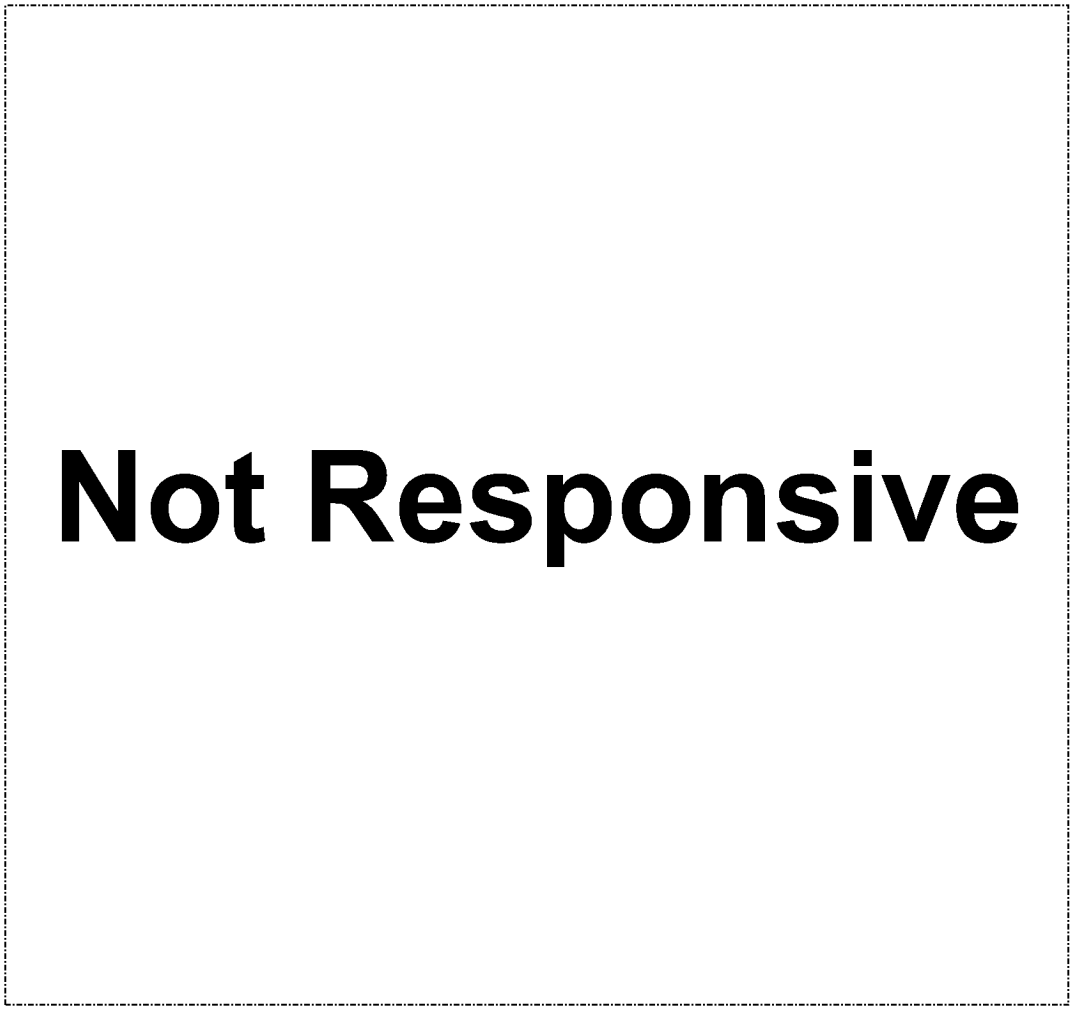

Nature of comments:

RDS - Collaboration led to solution, outline of solution

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Laura Biehl
PPI mobile
biehll@michigan.gov<mailto:biehll@michigan.gov>

Anna Heaton
PPI mobile
heatona@michigan.gov<mailto:heatona@michigan.gov>

Corey Utley (Advance Coordinator)
PPI mobile
utleyc@michigan.gov<mailto:utleyc@michigan.gov>

Not Responsive

SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder wurfels@michigan.gov<mailto:wurfels@michigan.gov>
517-335-6397, office
PPI mobile
Twitter:@SaraLW

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Best regards,
Kathryn

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Vice President - Communications
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503 S. Saginaw Street, Suite 1200
Flint, MI 48502-1851
office: 810-766-1734 | cell: PPI

<Draft release_Mott comments and RHW quote.docx>

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:06 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: Fwd: Draft run of show and release

Please see below quote and suggestions from mayor. I think this is pretty workable. Agreed?

Sent from my iPhone

Begin forwarded message:

> **From:** Dayne Walling <dwalling@cityofflint.com>
> **Date:** October 7, 2015 at 9:43:56 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Cc:** Jason Lorenz - City of Flint <jlorenz@cityofflint.com>
> **Subject: Re: FW: Draft run of show and release**
>
> Thank you. Please do use Jason as the City public information officer and press contact. Release looks great!
>
> Couple things and my quote
>
> This sentence is not accurate: Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee.
>
> I made my request to the Governor and COS on 10/2 and the Governor asked me about a funding arrangement prior to the advisory committee meeting.
>
> I think you could use a more general line such as: Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues.
>
> Then my quote:
> "Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system. I appreciate the State, the Mott Foundation, Detroit, and the County's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the City could not take alone given budget constraints."
>
> Finally, I have heard debate among the technical staff about the term optimized corrosion control. In particular, I understand that optimization actually takes place over time and Flint's system may not be optimized with the dosage of phosphate based corrosion control currently in the Detroit system, which is at a maintenance level.
> INstead of: Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control
> Could say: Additionally, the Great Lakes Water Authority water already has additional corrosion

control

Nice working with you too and see you tomorrow
Dayne

On Wed, Oct 7, 2015 at 7:13 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Greetings Mayor and Jason –

Here is proposed run of show for tomorrow, along with the draft release. Again, per earlier conversations, highly confidential and not for sharing as dependent on final details getting worked out at tomorrow's 9 a.m. meeting.

On the release, please note in particular the placeholder for the Mayor's quote.

Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a city media contact here as well. Assuming that's Jason. Just wanted to verify which contact info should we use?

Thanks again. Glad to be working and collaborating with the city on this very challenging issue.

Best regards,

SW

Run of show & comment topics below:

9:45 AM – 10:00 AM Pre-Brief with all speakers

10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor

10:01 AM – 10:05 AM Governor gives remarks

10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling

10:06 AM – 10:10 AM Mayor Walling gives remarks

10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant

10:11 AM – 10:15 AM Director Wyant gives remarks

10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon

10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells

10:17 AM – 10:20 AM Dr. Eden Wells remarks

10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation

10:21 AM – 10:25 AM Ridgway White gives remarks

10:25 AM – 10:35 AM Q&A from the podium

10:35 AM Event concludes; Governor departs

Nature of comments:

RDS – Collaboration led to solution, outline of solution

Mayor Walling – Importance of solution to Flint

Dan Wyant – Overview of steps on transition from Flint River to DWSD, school testing results

Nick Lyon – DHHS involvement

Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF

Ridgway White – Importance of collaboration/commitment to Flint

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Release:

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

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Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

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Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:44 PM
To: Snyder, PPI Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Kennedy, Jordan (GOV); Biehl, Laura (GOV); Lasher, Geralyn (DHHS); Tommasulo, Karen (DEQ); Eisner, Jennifer (DHHS); Muchmore, Dennis (GOV); Minicuci, Angela (DHHS); Hollins, Harvey (GOV); Heaton, Anna (GOV)
Subject: Press release with mayor, Mott quotes
Attachments: 151008 Flint water release_V4.docx

Good evening Governor and team,

Here's the most updated version of the press release, including quotes and incorporating suggestions from Mayor Walling and the Mott Foundation friends. Please let me know if there are any other changes. Thank you for your assistance.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

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Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

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###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

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###

From: Biehl, Laura (GOV)
Sent: Thursday, October 08, 2015 10:09 AM
To: Stoken, Laura (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Kennedy, Jordan (GOV); Agen, Jarrod (GOV); Heaton, Anna (GOV)
Subject: RE: Flint Water- talking Points
Attachments: 151008 Flint water release_FINAL.docx

Here's the press release that will be issued after the press conference ends.

This should cover what you need.

From: Stoken, Laura (GOV)
Sent: Thursday, October 08, 2015 10:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Flint Water- talking Points
Importance: High

Hi Team,

Given the announcement this morning, please provide as soon as possible talking points for this new process.

The live stream is cutting in and out so we are unable to watch/write what is happening.

Thank you,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services Kathryn Thomas, 810-766-1734 Mott Foundation Jason Lorenz, 810-237-2039 City of Flint	Thursday, Oct. 8, 2015

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State, city, Mott Foundation, join to fund switch until KWA is ready

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From: Murray, David (GOV)
Sent: Tuesday, October 13, 2015 9:24 AM
To: Biehl, Laura (GOV); Heaton, Anna (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Subject: Comms meeting with the governor agenda
Attachments: Agenda Communications Update 10-13-15.docx

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Communications Update Meeting
Oct. 13 2015

Not Responsive

- Flint water

Not Responsive

Upcoming events

Not Responsive

Interviews/requests

Not Responsive

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 14, 2015 9:57 AM
To: Wurfel, Sara (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV); Murray, David (GOV)
Subject: Flint-Egan

Importance: High

Sara…

Let me know if you might have 15-20 minutes this am, for me to walk over and share some information & thoughts or otherwise discuss the response to Egan.

The Flint RTAB meets at 2pm today…so I am leaving for Flint by 1. The RTAB is taking up the city's resolution to pay $2 m for the reconnect to DWSD.

Thanks, T

From: Eisner, Jennifer (DHHS)
Sent: Friday, November 20, 2015 9:30 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Hertel, Elizabeth (DHHS)
Subject: Re: Flint blood level data

Thanks Dave. We're talking with population health now and will send around an updated version as soon as possible.

Will be in touch as soon re: timeline but the notifications are not happening right at 9:30.

Best,
Jennifer

From: Murray, David (GOV)
Sent: Thursday, November 19, 2015 6:24:48 PM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
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Thank you,

Dave

FOR IMMEDIATE RELEASE
DRAFT
241-2112

CONTACT: Jennifer Eisner
(517)

MDHHS releases October data outlining blood lead levels in Flint

Results show 24 of 963 people tested had elevated levels

LANSING, Mich. – Blood lead level testing results released today revealed that 24 of 963 adults and children tested in Flint in October had elevated levels, according to the Michigan Department of Health and Human Services.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources.

Information was gathered from tests administered citywide to 963 children and adults between October 1 and October 30. Eighteen people age 17 or younger had elevated blood lead levels. Six adults over the age 18 were identified with elevated blood lead levels.

The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, chief medical executive with the MDHHS. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with county health department to reach these families. We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letter to Flint parents regarding lead testing. GCHD nursing staff are conducting direct outreach to families when an elevated blood lead level has been detected, serving as an important resources by addressing questions and concerns, providing information, and meeting them in their home environment.

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From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher,

Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Flint EBL Data

Good afternoon:

Attached, please find the blood lead level test results for Flint zip codes 48501-48507, as well as a corresponding press release and talking points. With your approval and edits, we are planning to notify external partners tomorrow at 9:30 a.m. then post the report on www.michigan.gov/flintwater and issue the press release at 10 a.m.

Please let us know if you have any questions or concerns.

Thanks and best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Murray, David (GOV)
Sent: Friday, November 20, 2015 9:35 AM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Hertel, Elizabeth (DHHS)
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FOR IMMEDIATE RELEASE
DRAFT
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To: Murray, David (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Hertel, Elizabeth (DHHS)
Subject: Re: Flint blood level data

We're talking to the director to and will give you a call soon.

Jennifer

From: Murray, David (GOV)
Sent: Friday, November 20, 2015 9:34:35 AM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
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The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letter to Flint parents regarding lead testing. GCHD nursing staff are conducting direct outreach to families when an elevated blood lead level has been detected, serving as an important resources by addressing questions and concerns, providing information, and meeting them in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Flint EBL Data

Good afternoon:

Attached, please find the blood lead level test results for Flint zip codes 48501-48507, as well as a corresponding press release and talking points. With your approval and edits, we are planning to notify external partners tomorrow at 9:30 a.m. then post the report on www.michigan.gov/flintwater and issue the press release at 10 a.m.

Please let us know if you have any questions or concerns.

Thanks and best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 7:48 PM
To: Agen, Jarrod (GOV); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Heaton, Anna (GOV); Biehl, Laura (GOV); Lasher, Geralyn (DHHS)
Subject: Updated DHHS release with some additional questions
Attachments: Flint EBL Data Press Release V8 D (003).docx

Good evening team,

Thank you for the continuing effort on this release. I know much hard work has gone into this. Meegan and I worked on the release – I appreciated her fresh eyes – and made some wordsmithing changes. Governor has asked for some additional information to be included as well. Most of the changes are marked in bold. Please review them.

Governor has asked:

Do the elevated lead levels stick with a person for life?

Why do the lead levels spike on a seasonal basis? We took a stab at answering this, but please review.

We also need a breakdown of the 1,361 people tested by child and adult, so we can say 21 of XXX children tested…. And 9 of XXX adults tested…

Thank you very much!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest data outlining blood lead levels in Flint
Follow-up care, case management resources continue for families

LANSING, Mich. – **Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according a report issued today by the Michigan Department of Health and Human Services.**

This marks the **first of regular reports on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.**

"We're working with the Genesee County Health Department to connect with families testing with higher blood lead levels and to help them reduce their exposure to lead sources," said Dr. Eden Wells, MDHSS chief medical executive. "We'll remain diligent in our ongoing outreach and education."

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of XXX children age 17 or younger and 9 of XXXX adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported to MDHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood. People who have had multiple tests are counted only once. **Five micrograms per deciliter is the level that the federal government considers elevated and triggers follow up with families.**

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year -- July through September – for a variety of reasons. (LIST REASONS)

In 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. In 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in 2015.

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state is providing funding for GCHD nurses to work with families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to meet with families in their homes to identify lead exposures, address

questions and provide water filters. **People can be exposed to lead from paint, soil, plumbing and other sources.**

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For updates, visit www.michigan.gov/flintwater.

# # #

From: Wang, Yanan <Yanan.Wang@washpost.com>
Sent: Wednesday, December 16, 2015 4:27 PM
To: Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: Re: Another correction in the Flint water story.

Hi David,

I've changed the language in that graf, but I cannot append a correction until you clarify the difference between "water leaving Flint's drinking water system" and "Flint's water." Please let me know as soon as you can.

Thanks,
Yanan

From: Wang, Yanan
Sent: Wednesday, December 16, 2015 3:50 PM
To: Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: Re: Another correction in the Flint water story.

Hi David,

Yes, I'll make the correction, but can you first explain to me what you mean by the water "leaving Flint's drinking water system" if it is not the water coming out of the tap? Would like to make the distinction clear for readers.

Best,
Yanan

Sent from Outlook

From: Murray, David (GOV) <murrayd1@michigan.gov>
Sent: Wednesday, December 16, 2015 12:46 PM
Subject: Another correction in the Flint water story.
To: Wang, Yanan <yanan.wang@washpost.com>
Cc: Heaton, Anna (GOV) <heatona@michigan.gov>, Biehl, Laura (GOV) <biehll@michigan.gov>

Hello Yanan,

Please make one more correction. The misquote is causing us a great deal of problems today.

What you wrote: He added that while Flint's water is currently safe to drink, "some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets."

What I said: The water **leaving Flint's drinking water system** is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

While it might seem like a small detail, it is **TREMENDOUSLY important** to include the part about the water leaving Flint's drinking water system. Flint's water is not safe to drink for many residents at this point unless they have filters or are following the recommendations about letting the water run for several minutes before using.

Can you please make this correction quickly?

Thank you.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Thursday, December 17, 2015 10:00 AM
To: 'Stephen Carmody'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint Water Advisory Task Force-press release

Steve, did you see the governor's letter that was attached to the press release?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Thursday, December 17, 2015 9:43 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint Water Advisory Task Force-press release

Dave,

Does the governor have a comment on the recommendations in the task force interim report?

Steve Carmody
Michigan Radio

---------- Forwarded message ----------
From: <chris@dewitt-communications.com>
Date: Thu, Dec 17, 2015 at 9:32 AM
Subject: Flint Water Advisory Task Force-press release
To: Chris De Witt <chris@dewitt-communications.com>

December 17, 2015

Contact: Chris De Witt
517-881-4784

Flint Water Advisory Task Force Initial Recommendations

Lansing, MI--The Flint Water Advisory Task Force today released a letter recently sent to Governor Rick Snyder, and the Governor's response, regarding initial recommendations to address health protection challenges with the Flint water supply. Copies of the letters are attached.

"We felt it was imperative to make these initial recommendations to help address the water crisis in Flint instead of waiting until our final report is submitted," said FWATF Co-Chair Chris Kolb. "We appreciate the prompt acceptance of our request for action by the Governor and see it as a step forward."

"The Task Force has been holding a number of fact finding interviews with individuals and groups that have pertinent information about what happened in Flint," FWATF Co-Chair Ken Sikkema stated. "While the Task Force is far from done with our work, the initial review has presented a very disturbing situation that will require many actions to help those that have suffered. We saw no reason to wait until the final report to make these initial recommendations. We also anticipate that we will made additional recommendations prior to the final report."

The FWATF letter included in part:

"One primary concern we have at this point is that the current efforts appear to be taking place in the absence of a larger project coordination framework that measures results and clearly delineates responsibilities for continuing actions to protect public health. We believe the state is best positioned to facilitate this larger framework, which should address the following:

1. The need for MDHHS and MDEQ—and, possibly, other state agencies--to set **goals** for actions in collaboration with local and federal agencies and organizations.
2. The need for a set of corresponding **timelines** for the goals.
3. The need to establish **responsibility** for meeting the goals in a timely fashion and for **contingency plans** for the state if the goals are not being met.
4. The need for clear, regular **communication** with the Flint community and stakeholder groups regarding action steps and updates.

We also believe it important that a single person or entity—potentially independent of any one particular state agency and mutually agreeable to this Task Force and you, Governor—be established to provide effective coordination of ongoing activities and reporting on the status of mitigation measures. For this, we also believe a readily understood "dashboard" should be developed that reports on the goals, timelines and assignments. This will enable members of the Flint community, public health providers, and state agencies to know about the status of the Flint water crisis mitigation program, as well as promote coordination and accountability. The Task Force is prepared to assist in the development of that dashboard."

The full FWATF report is expected to be completed in early 2016.

Members of the Task Force include:

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

The FWATF was formed by Governor Snyder to review actions regarding the Flint water system and offer recommendations both for Flint and Michigan to protect the health and safety of state residents.

From: Murray, David (GOV)
Sent: Thursday, December 17, 2015 11:50 AM
To: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Fwd: URGENT UPDATE FOR ALL MSUE STAFF: Concerns of Lead Poisoning in domesticated animals

Sent from my iPhone

Begin forwarded message:

> **From:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Date:** December 17, 2015 at 11:48:55 AM EST
> **To:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Subject: FW: URGENT UPDATE FOR ALL MSUE STAFF: Concerns of Lead Poisoning in domesticated animals**
>
> Flare in the air.
>
> Brad Wurfel
> Communications Director,
> Michigan Department of Environmental Quality
> wurfelb@michigan.gov
> PPI (cell)
>
> ---
>
> **From:** Holton, Jennifer (MDARD)
> **Sent:** Thursday, December 17, 2015 11:46 AM
> **To:** Krisztian, George (DEQ); Averill, James (MDARD)
> **Cc:** Wurfel, Brad (DEQ)
> **Subject:** Fwd: URGENT UPDATE FOR ALL MSUE STAFF: Concerns of Lead Poisoning in domesticated animals
>
> FYI.
>
> Jen
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Stuever, Beth" <stuever@anr.msu.edu>
> > **Date:** December 17, 2015 at 11:21:23 AM EST
> > **To:** "Jennifer (Quimby) Holton" <holtonj@michigan.gov>
> > **Subject: FW: URGENT UPDATE FOR ALL MSUE STAFF: Concerns of Lead Poisoning in domesticated animals**
> >
> > FYI ... we sent this to our internal staff a few minutes ago.
> >
> > ---
> >
> > **From:** Ockert, Katherine
> > **Sent:** Thursday, December 17, 2015 11:15 AM

To: MSUEEVERYONE@LIST.MSU.EDU
Cc: Stuever, Beth <stuever@anr.msu.edu>; Wilson, Jamie <jmwilson@anr.msu.edu>
Subject: URGENT UPDATE FOR ALL MSUE STAFF: Concerns of Lead Poisoning in domesticated animals
Importance: High

Dear MSU Extension Staff,

As many of you are aware Mayor Karen Weaver of Flint issued a state of emergency regarding the levels of lead in the city's water supply. Because this is such a high visibility issue, I'm sharing this information with everyone as I'm sure it has resulted in conversations throughout the state.

Our health and nutrition staff members are working diligently with the community to address human health concerns. In addition, we have received many questions regarding the effects on animals—specifically companion animals such as dogs, cats, birds and other domesticated pets who also have been drinking the water.

After speaking with Dr. John Buchweitz, toxicologist at the MSU Diagnostic Center for Population and Animal Health (DCPAH), the official statement from MSU Extension staff is "if you are concerned about your animal's health, please take your animal to your veterinarian. Based on clinical signs and physical examination, the veterinarian can recommend appropriate diagnostic testing or other types of examination to determine if your animal is at risk. Veterinarians can contact DCPAH for more information on available testing and sample requirements."

Please do not provide information that could be construed as diagnosis, course of treatment or anything of the sort. This is not within the scope of information that MSU Extension can provide—this information must come from a licensed veterinarian.

An MSU Extension article has been posted on the website regarding this issue and can be found at http://msue.anr.msu.edu/news/what_to_do_if_you_suspect_lead_poisoning_in_your_domesticated_pets. Please feel free to share this information if this is a concern you are hearing about in your community.

Please feel free to contact me should you have any questions.

Thank you,
Katie

Katie Ockert
Michigan State University Extension,
4-H Animal Science Educator
446 W. Circle Drive,
Rm 240 Justin S. Morrill Hall of Agriculture

East Lansing, MI 48824
517-432-5270
ockertka@anr.msu.edu

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From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:41 PM
To: Heaton, Anna (GOV)
Subject: FW: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

Here's what I sent to Rick Pluta

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI
PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Murray, David (GOV)
Sent: Friday, December 18, 2015 3:18 PM
To: 'Rick Pluta' <rickp@mprn.org>
Subject: RE: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

Hello Rick,

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration has been working closely with Mayor Weaver to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents. Gov. Snyder also has in plan an action plan that includes increased testing, free filters and other steps to help residents. The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI
PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Rick Pluta [mailto:rickp@mprn.org]

Sent: Friday, December 18, 2015 2:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

>>> Rosemary Jones <RJones@house.mi.gov> 12/18/2015 11:21 AM >>>

FOR IMMEDIATE RELEASE
Friday, December 18, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-5837

Michigan Legislative Black Caucus Calls For A State of Emergency In Flint MLBC urges Gov. Snyder to act on water crisis in city LANSING - The Michigan Legislative Black Caucus (MLBC) today joined the City of Flint, and urged Gov. Rick Snyder to issue a State of Emergency to address the continuing health concerns caused by the increased lead levels in their water. The MLBC request comes on the heels of the issuance of a State of Emergency declaration by Flint Mayor Karen Weaver, and the Flint City Council.

Although Flint has ceased pulling water from the Flint River, the emergency is in response to continuing reports and studies that indicate the presence of coliform bacteria and high levels of lead in the city's drinking water. Blood samples of Genesee County children - taken before and after the city ended its contract with the Detroit Water and Sewerage Department (DWSD) and began using Flint River water - showed that the number of Flint children with elevated blood-lead levels had jumped from 2.1 percent to 4 percent. Additional tests have disclosed that the blood-lead levels of children living in the poorest Flint neighborhoods have jumped from 2.5 percent to 6.3 percent.

It has been scientifically proven that even low lead levels can affect many different parts of the body. Lead can especially affect a child's mental development, behavior, ability to pay attention, hearing, IQ, kidneys and body growth.

State Rep. Sheldon Neeley (D-Flint), first vice chairman of the MLBC, is working with local, state and federal officials to find solutions and resources. A state-declared heath emergency will allow the city to access federal funding.

"Issuing a health emergency is the most responsible thing to do," Neeley said. "This is a public health crisis, and our children are most at risk. We urge Gov. Snyder to issue the State of Emergency so the city of Flint can get immediate monetary relief."

"Water is a basic human right," state Rep. LaTanya Garrett (D-Detroit) said. "Many of our urban communities have succumb to various water issues. We have a due diligence to work tirelessly to provide relief to our citizens."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:42 PM
To: Holland, Meegan (GOV); Heaton, Anna (GOV)
Subject: FW: Query on deadline from the Rachel Maddow Show

Seems odd that this many questions comes in at 4:40...

I'll respond.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 4:40 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Query on deadline from the Rachel Maddow Show

Hi, Ms. Wurfel and Mr. Murray,

I'm writing from the Rachel Maddow Show, on MSNBC. We are working on a story about the water situation in Flint for tonight, and we have a few questions.

-When did the governor's office become aware of reports that lead levels were rising in Flint water?

-When did the governor's become aware of the EPA interim report showing high levels of lead in Flint and inadequacies with the city's testing?

-When did the governor's office become aware of the testing in which two samples were ruled out and the result was that Flint water met EPA guidelines, as reported by Michigan Radio?

-Does the governor take responsibility for any part of what has happened in Flint? If so, what part or parts?

-What are the governor's next steps in addressing the crisis?

Thank you for fielding these.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 5:22 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Query on deadline from the Rachel Maddow Show

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 5:20 PM
To: 'Conaway, Laura (NBCUniversal)' <Laura.Conaway@nbcuni.com>
Subject: RE: Query on deadline from the Rachel Maddow Show

That is correct. And there should be a breakdown of adults and children later in the release. Those are the figures for the number of people who are above the federal action level. In those cases, DHHS staff members work directly the individuals to determine the source of the lead in the home, be it a particular faucet or pipes, or non-water factors such paint.

You'll note the historical data, showing the seasonal increases. There historically are higher levels reported in the summer months, for a variety of reasons.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 5:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Query on deadline from the Rachel Maddow Show

Thank you for the help.

Looking at the latest release on testing data, is this the line that contains the figures: According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:11 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

Hello Laura,

I'm happy to help.

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.

* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 5:22 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Query on deadline from the Rachel Maddow Show

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 5:20 PM
To: 'Conaway, Laura (NBCUniversal)' <Laura.Conaway@nbcuni.com>
Subject: RE: Query on deadline from the Rachel Maddow Show

That is correct. And there should be a breakdown of adults and children later in the release. Those are the figures for the number of people who are above the federal action level. In those cases, DHHS staff members work directly the individuals to determine the source of the lead in the home, be it a particular faucet or pipes, or non-water factors such paint.

You'll note the historical data, showing the seasonal increases. There historically are higher levels reported in the summer months, for a variety of reasons.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 5:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Query on deadline from the Rachel Maddow Show

Thank you for the help.

Looking at the latest release on testing data, is this the line that contains the figures: According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:11 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

Hello Laura,

I'm happy to help.

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.

* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Sunday, December 20, 2015 10:55 PM
To: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Media contracts for the week

Media contacts for the last week. This doesn't include all the year-end interviews. I'll create a document in the share drive that we can add to.

Monday, Dec. 14
Steve Carmody, Michigan Radio X2, pipeline, Flint mayor

Not Responsive

Tuesday, Dec. 15
Yanan Wang, Washington Post, Flint water

Not Responsive

Arthur Delaney, Huffington Post, Flint water
Andy Dominianni, WWMT, interview
Kaci Lindhorst, CBS News, Flint water

Not Responsive

Ron Fonger, MLive, Flint water

Not Responsive

Steve Carmody, Michigan Radio, Flint water

Wednesday, Dec. 16

Not Responsive

Yanan Wang, Washington Post, Flint water
Steve Carmody, Michigan Radio, Flint water

Not Responsive

Joe Netto, CNN, Flint water

Not Responsive

Thursday, Dec. 17

Not Responsive

Ron Fonger, MLive, Flint water correction
Steve Carmody, Michigan Radio, Flint Water Task Force

Not Responsive

Jennifer Schmidt, NPR, Flint water

Not Responsive

Arthur Delaney, Huffington Post, Flint Water

Friday, Dec. 18

Not Responsive

Laura Conaway, Rachel Maddow Show, Flint water

Not Responsive

Saturday, Dec. 19

Not Responsive

Sunday, Dec. 20

Not Responsive

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Holland, Meegan (GOV)
Sent: Monday, December 21, 2015 11:09 AM
To: Stoken, Laura (GOV); Murray, David (GOV)
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Flint water - Did you see this?

This is a tough one -- all you can do is keep it to the facts. Maddow's and MSNBC's coverage has certainly stirred the pot, but to answer all her inaccuracies would take more time than what you'd want to give. On her EM assertions, however, it's good for your staff to know that Gov. Granholm also appointed emergency managers as a tool to help stabilize distressed cities. In other words, they didn't start with Rick Snyder.

From: Stoken, Laura (GOV)
Sent: Monday, December 21, 2015 9:38 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: RE: Flint water - Did you see this?

Hey Team….

As discussed this weekend I expect a large Constit reaction to the Rachel Maddow show on Flint Water…..

Any update or statement from the Governor?

Below is the response we have been sending -- modified on December 7, 2015…..

Thanks,

Laura

Dear {First Name(Constituent (Constituent))} {Last Name(Constituent (Constituent))},
Thank you for your recent correspondence sent to Governor Rick Snyder regarding the water in Flint. As a member of Governor Snyder's staff, I am responding on his behalf.

Recently the Michigan Department of Health and Human Services (MDHHS) released preliminary data indicating that 30 of 1,361adults and children tested in Flint since October 1 had elevated blood lead levels. This marks the first summary report on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of969 children age 17 or younger and 9 of 392 adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported tom DHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. Five micrograms per deciliter is the level

that the Centers for Disease Control and Prevention considers elevated and triggers health care professional follow up with families.

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

In the third quarter of 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. During the same months in 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in the third quarter of 2015.

On October 21, Governor Snyder announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

Thank you, again, for taking the time to share your concerns with our office. Should you have any further comments, questions or concerns regarding this or any other state-related matter, I've included my contact information below.

Sincerely,

{Owner(Constituent Case)}
Constituent Relations Division
Executive Office of the Governor, Rick Snyder
517.335.7858 (o)

From: Stoken, Laura (GOV)
Sent: Saturday, December 19, 2015 8:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint water - Did you see this?

Sounds good- I'm expecting to walk into a high volume Monday morning...

Have a great weekend!!!

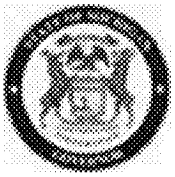
Laura

Sent from my iPhone

On Dec 19, 2015, at 8:39 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Yes. Based on spcial media, I suspect certain groups are being advised to spread it around. We can talk about this on Monday.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Stoken, Laura (GOV)
Sent: Saturday, December 19, 2015 8:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water - Did you see this?

http://www.msnbc.com/rachel-maddow/watch/toxic-water-tragedy-points-directly-to-snyder-588635715518

<image002.png>

Sent from my iPhone

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:43 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: Fwd: Edwards Report Response

Sent from my iPhone

Begin forwarded message:

> **From:** "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
> **Date:** December 21, 2015 at 2:37:00 PM EST
> **To:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Subject: Edwards Report Response**
>
> **Do you have an email for Rebecca Williams? Here's the statement for your review:**
>
> The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.
>
> When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.
>
> Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.
>
> Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:32 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Edwards Report Response

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:52 PM
To: Eisner, Jennifer (DHHS) <Eisnerj@michigan.gov>
Subject: RE: Edwards Report Response

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 2:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Edwards Report Response
Importance: High

Do you have an email for Rebecca Williams? Here's the statement for your review:

The Michigan Department of Health and Human Services has consistently provided Flint residents with information regarding blood lead levels.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by ZIP code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data needs to be thoroughly reviewed. Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

Our department is focused on following up with city residents who has tested with elevate levels. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 4:55 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office

PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 5:21 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

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Dave

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Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 5:30 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

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MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

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* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

Dave Murray
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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

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Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 1:08 PM
To: 'Gary Ridley'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--

Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 2:53 PM
To: 'Gary Ridley'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Stabenow comment on Flint water

Hello Gary,

Gov. Snyder has been proactive, and we're working with the bipartisan Flint Water Task Force that he appointed. While the task force is charged with reviewing all of the city, state and federal government actions, we also expect that members are working on recommendations that could apply to Flint moving forward, or potentially other areas that could face health and water infrastructure challenges. The task force was appointed in late October, and members at the time said they expect their work could take about three months. It's an impressive group, and we respect the work it is doing.

Here's a link to the release: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 2:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Dave,
I appreciate the quick response. But, I need to follow up since some things have changed since my previous email.

I just sat down with U.S. Rep. Dan Kildee who is calling for a locally-managed, state-funded health fund that would help identify and track health issues for those kids potentially impacted by the lead situation.

Would the governor be on board with this idea? Has he had discussions on creating this sort of fund?

Thanks again.

--

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 3:53 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello Laura,

I've just checked with the Michigan State Police's Emergency Management and Homeland Security Division. No formal request from Genesee County has been made to the state at this point. A district coordinator assigned to that region has been **working closely with city and county leaders**, and will continue to do so. The state remains in close contact with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to obtain federal assistance.

There is something I think you should know about. Today, Lincoln Park was returned to local control. This is the first time **in 15 years** that no Michigan municipality has had oversight from an emergency manager. There are still three school districts with such oversight. Keep in mind that emergency managers have been in place in Michigan for 10 years prior to Gov. Snyder. There appeared to be some confusion about that in the first report.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

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The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
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* Expediting the completion of the Karegnondi Water Authority pipeline.
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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 22, 2015 3:59 PM
To: Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

Thanks, Dave.

Can you tell us, please, when the other municipalities will no longer have local decisions subject to transition advisory boards, as listed on the Treasury Department's website? http://www.michigan.gov/treasury/0,4679,7-121-1751_51556_64472-201116--,00.html

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 3:53 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

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To: Murray, David (GOV) <MurrayD1@michigan.gov>
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Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 1:25 PM
To: 'Natalia Golysheva'
Cc: Heaton, Anna (GOV)
Subject: RE: BBC World Service request for interview

Hello Natalia,

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges. We are committed to protecting the health of children in Flint now and into the future.

Once the state became aware of the problem, Gov. Snyder responded quickly with an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
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* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 12:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: BBC World Service request for interview

Thank you

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: 23 December 2015 16:40
To: Natalia Golysheva
Subject: RE: BBC World Service request for interview

I'll have a written response to you in a couple hours.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 11:38 AM

To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: BBC World Service request for interview

Thanks for getting back to me Dave,

I am working towards tomorrow's programme and will need to hand over in a couple of hours to the overnight team.

We normally pre-record between 6 and 9 pm your time and go live on air from 10 pm your time. We could arrange either for a pre-rec or a live - your call. If you are talking about the written response, I would appreciate if you send it through in the next couple of hours.

Best wishes,
Natalia

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: 23 December 2015 16:34
To: Natalia Golysheva
Subject: RE: BBC World Service request for interview

Hello Natalia,

What is your deadline (U.S. Eastern time)

Thank you!

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 10:36 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: BBC World Service request for interview
Importance: High

Hi Dave,

Thank you for your time on the phone.

As discussed, the BBC World Service has run a story yesterday on the Flint water crisis, were we spoke to the local paediatrician who has uncovered the pollution, and a local citizen who has suffered from it. Here is the link to the story http://www.bbc.co.uk/programmes/p03ctmmy
It generated a strong interest and we have decided that it would be fair to give the State authorities the opportunity to respond.

I appreciate what you said about providing us with the written response, but as we are a radio programme, we would really appreciate speaking to a representative, ideally the governor himself. In the absence of a voice from your side, we will have to re-run part of yesterday's coverage to remind the audience of what happened, however we would much rather hear from your office to balance the coverage. I would appreciate if you let me know should that be an option. This won't take more than 5 – 10 minutes and could be done over the phone, ideally between 6 and 10 pm this evening EST.

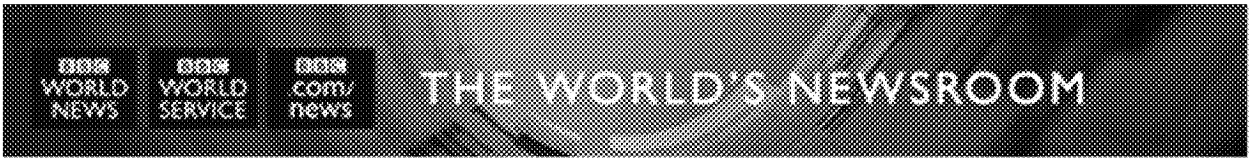
Please be assured that we are not after for an intense defence response or a blaming game. What we are looking for is an account of what happened from the governor's position – as many residents we've been speaking are very angry with the state authorities.

I don't have specific questions as much as a request to hear your take on the story – how did it happen that the residents were effectively poisoned? What is the governor's reaction to the discovery of evidence of ignoring the data about lead poisoning? http://www.huffingtonpost.com/entry/flint-michigan-water-lead_56784055e4b0b958f657595c Finally, many people are calling for governor to resign as a result of this scandal. How does he feel about what happened?

Let me know if you have any further questions.

Many thanks in advance,
Natalia

Natalia Golysheva | @n_golysheva
Producer | BBC World Service
Tel. +44 203 61 44044 – Newsday
Tel. +44 203 61 43900 – World Have Your Say
Tel.+ 44 203 61 44200 – Outside Source



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Please note that the BBC monitors e-mails sent or received.
Further communication will signify your consent to this.

From: Macaluso, Nora <nmacaluso@bna.com>
Sent: Monday, December 28, 2015 2:18 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi ... any reaction to this? Writing today ...

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE

December 28, 2015

Contact: Angela Wittrock

Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

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The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

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This is contrary to recent claims that somehow this local vote was in favor of using the river.

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[*Editor's note: A copy of the Auditor General letter is available upon request.*]

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Angela Wittrock
Press Secretary

Senate Minority Leader Jim Ananich

…

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C: PPI

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:40 PM
To: Macaluso, Nora
Cc: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: looking for comment on flint

Hello Nora,

Happy to help. Do you have the actual letter? Here's a link to it: http://www.audgen.michigan.gov/finalpdfs/15_16/I761032015.pdf

Here is our statement, which you can attribute to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Nora, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

n
W While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

n In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information

to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

n DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

n DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

n DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

n There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

n Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Macaluso, Nora [nmacaluso@bna.com]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi ... any reaction to this? Writing today ...

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE
December 28, 2015

Contact: Angela Wittrock
Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

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From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:31 PM
To: Macaluso, Nora; Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: looking for comment on flint

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI (cell)

From: Macaluso, Nora [mailto:nmacaluso@bna.com]
Sent: Monday, December 28, 2015 2:18 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi ... any reaction to this? Writing today ...

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE — Contact: Angela Wittrock

December 28, 2015 — Phone: (517) 775-1430

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Angela Wittrock
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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 8:16 PM
To: Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Media for the week

Saturday, Dec. 19

Not Responsive

Sunday, Dec. 20

Not Responsive

Monday, Dec. 21

Laura Conaway, Maddow, Flint water
Rebecca Williams, Michigan Radio, Flint water
Arthur Delaney, Huffington Post, Flint water

Not Responsive

Tuesday, Dec. 22

Not Responsive

Laura Conaway, Maddow, Flint water

Not Responsive

Gary Ridley, MLive, Flint water

Not Responsive

Wednesday, Dec. 23

Laura Conaway, Maddow, Flint water

Not Responsive

Natalia Golysheva, BBC, Flint water

Not Responsive

Steve Carmody, Michigan Radio, Flint water

Thursday, Dec. 24

Not Responsive

Gary Ridley, MLive, Flint water

Not Responsive

Not Responsive

Christmas
None

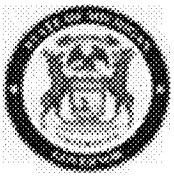
Saturday, Dec. 26
None

Sunday, Dec. 27
Not Responsive

Monday, Dec. 28

Not Responsive

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
Not Responsive mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 12:07 PM
To: 'Ryan Rifai'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Al Jazeera request for comments on water crisis

Hello Ryan

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the city to focus on health issues affecting children and other city residents, and address water infrastructure challenges. We are committed to working with Mayor Weaver and county leaders to address these shared concerns and obtain additional resources.

Gov. Snyder in October created action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. We continue to work closely with task force members.

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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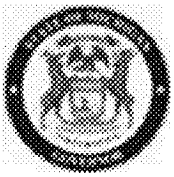
PPI mobile
Twitter:@michigandmurray



From: Ryan Rifai [mailto:ryanr7@gmail.com]
Sent: Tuesday, December 29, 2015 11:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Al Jazeera request for comments on water crisis

Dear Dave Murrary,

I am a journalist for Al Jazeera, the media organisation based in Qatar.

I am writing a story about Flint's water crisis. It will be featured on www.aljazeera.com

Here are some questions I have that I hope you could help answer, please help with whatever you can:

What is the state of Michigan doing to help solve Flint and Detroit's water crises?

Why were water rates increased in 2014 in Detroit to the extent that many residents in the city and in Flint could not afford it?

If that was not the main problem, what was and who would you pin the most blame on for the crises?

How would you answer to accusations that the Michigan state's administration ignored warnings of unsafe drinking and cooking water in Flint?

Thank you for your help!

Sincerely,

Ryan Rifai

From: Biehl, Laura (GOV)
Sent: Tuesday, December 29, 2015 2:15 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV)
Subject: FINAL Flint statement
Attachments: PR.151229.FlintStatementApology.docx

Importance: High

I will set it up to issue at 2:45 p.m.

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell: PPI
BiehlL@Michigan.gov

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Burr, Richard <RBurr@detroitnews.com>
Sent: Tuesday, December 29, 2015 3:23 PM
To: Murray, David (GOV); Heaton, Anna (GOV)
Cc: Lynch, James
Subject: Hey, what were the "initial findings" of the Flint Water Task Force?

The press release doesn't say. It would help explain why Dan Wyant resigned.

Richard Burr
Politics and Government Editor
The Detroit News
160 W. Fort St.
Detroit, MI 48226
(313) 222-2294
rburr@detroitnews.com

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 3:40 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV); Murray, David (GOV)
Subject: Flint task force letter
Attachments: Flint task force letter.docx

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

<u>Regulatory Failure</u>

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan. This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by

this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same

time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Ken Sikkema
Chris Kolb
Matt Davis
Larry Reynolds
Eric Rothstein

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 5:03 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

Hello Laura,

I believe your questions are addressed in the governor's statement and in our prior correspondence. We are committed to working with Mayor Weaver on efforts for Flint receive potential federal assistance as well as additional state resources. No formal requests have been made, but we continue to have discussions on ways the state can assist.

Here is the governor's statement:

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work

to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

"I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

"These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens."

###

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 29, 2015 4:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Query on deadline from the Rachel Maddow Show

Hi, Dave.

I saw the news today about the MDEQ director and the governor's statement. I've got a few questions, please.

-In apologizing for what has happened, is Governor Snyder taking responsibility for what happened in Flint?

-What assistance is the Governor prepared to offer the city of Flint?

-Are there more resignations to come, regarding the situation with Flint water?

-Has the governor decided whether to sign the declaration of emergency from Flint, in the event that he receives it?

-When did the governor become aware that Flint's water showed elevated levels of lead?

-When did the governor become aware that the state's handling of the situation was being questioned?

Thank you, as always, for the help.

Sincerely,

Laura Conaway

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 5:03 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Flint

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:58 PM
To: 'Egan, Paul' <pegan@freepress.com>
Subject: RE: Flint

No formal request has been made to the state at this point. We are committed to working with Mayor Weaver and Genesee County leaders. Members of the Michigan State Police Emergency Management Division recently met with the mayor and Genesee County Commission leaders to discuss potential avenues for federal aid, and the governor spoke to the mayor last week.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, December 29, 2015 4:55 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint

Dave I spoke to Melissa Mays in Flint. She welcomes the steps announced today but feels they don't go far enough. She asks why Gov has not endorsed state of emergency call to help secure federal funds. Can you answer that?
Paul

Sent from my iPhone

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 29, 2015 5:05 PM
To: Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

Thank you for the additional information. I don't think these questions are addressed in press release, actually:

-In apologizing for what has happened, is Governor Snyder taking responsibility for what happened in Flint?

-When did the governor become aware that Flint's water showed elevated levels of lead?

-When did the governor become aware that the state's handling of the situation was being questioned?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 29, 2015 5:03 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

Hello Laura,

I believe your questions are addressed in the governor's statement and in our prior correspondence. We are committed to working with Mayor Weaver on efforts for Flint receive potential federal assistance as well as additional state resources. No formal requests have been made, but we continue to have discussions on ways the state can assist.

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"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

"I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

"These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens."

###

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 29, 2015 4:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Query on deadline from the Rachel Maddow Show

Hi, Dave.

I saw the news today about the MDEQ director and the governor's statement. I've got a few questions, please.

-In apologizing for what has happened, is Governor Snyder taking responsibility for what happened in Flint?

-What assistance is the Governor prepared to offer the city of Flint?

-Are there more resignations to come, regarding the situation with Flint water?

-Has the governor decided whether to sign the declaration of emergency from Flint, in the event that he receives it?

-When did the governor become aware that Flint's water showed elevated levels of lead?

-When did the governor become aware that the state's handling of the situation was being questioned?

Thank you, as always, for the help.

Sincerely,

Laura Conaway

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 5:37 PM
To: Holland, Meegan (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Media contacts for the day

Team,

Here's the list of media members who contacted us today. I suspect there will be more tomorrow. Thank you for all your help!

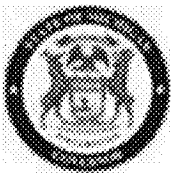
Tuesday, Dec. 29

Paul Egan, Free Press, Flint Water
Jiquanda Johnson, Flint Journal, Flint water
Nora Macaluso, Bloomberg, Flint water
Dave Eggert, AP, Flint water
Zach Gorchow, Gongwer, Flint water
Jessica Dupnack, ABC12, Flint water
Richard Burr, Detroit News, Flint water
Craig Mauger, MIRS, Flint water
Emily Lawler, MLive, Flint water
Not Responsive
Tyrone Bynum, Black Perspective/Drive for the Dream, Flint water
Laura Conaway, Maddow, Flint water
Andrew Moore, NBC25, Flint water
Nick Lulli, WNEM, Flint water
Rick Pluta, Michigan Radio, Flint water
Jake Neher, Michigan Radio, Flint water
Steve Hood, 910 AM, Flint water
Jim Kiertzner, WXYZ, Flint water
Matt Dolan, Free Press, Flint water
Not Responsive
Melissa Giaimo, CNN, Flint water
Not Responsive
Ryan Rifai, Al Jazeera, Flint water
Not Responsive

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Sunday, January 03, 2016 7:01 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Will we get the opportunity to comment?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Sunday, January 03, 2016 7:00 PM
To: Acosta, Roberto (RACOSTA1@mlive.com) <RACOSTA1@mlive.com>; BMICKLE1@mlive.com
Subject: Will we get the opportunity to comment?

Roberto and Bryn,

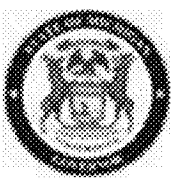
I read with dismay the story about Rep. Neeley's comments. It's seems highly unfair that we were never contacted to reply. Nor is there any mention of the work the governor has done to assist Flint with its challenges, from the $10 million in assistance to the action plan to the work of the Flint Water Task Force or even the recent response from the Office of Auditor General.

Do you have my contact information? I work hard to make sure I am accessible to the media, even on weekends and holidays.

Please let me know if there is an opportunity for us to provide balance to this story.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Sunday, January 03, 2016 7:37 PM
To: 'Roberto Acosta'; BMICKLE1@mlive.com
Cc: Holland, Meegan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Will we get the opportunity to comment?

Roberto,

Flint residents deserve access to clean, safe water, and Gov. Snyder remains committed to working with Mayor Weaver to protect the health of Flint's children and the entire community, both immediately and into the future.

The state already has provided about $10 million in assistance, and the governor's action plan included increased testing in schools and of blood lead levels, distributing filters and other assistance. Recently, at the Governor's direction, leaders from the Michigan State Police Emergency Management and Homeland Security Division met with the mayor and Genesee County Commission chairman to help them determine the best possible pathway to additional state and federal resources.

We also are inviting every external scientist who has worked on this issue to be our partners in helping improve Flint water so we can arrive at accurate and mutually supported conclusions. We're committed to working together to protect Flint residents.

These are initial steps. The governor is meeting soon with Mayor Weaver to discuss other ways the state can offer assistance, and we expect to take further action once the independent Flint Water Task Force makes recommendations.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:10 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Dave,

Thank you for the response and I will keep an eye out for the statement,

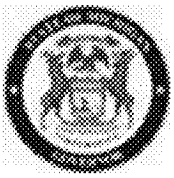
Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:07 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: RE: Will we get the opportunity to comment?

Roberto, we've exchanged email before and my cell number, along with my email and Twitter account, are in the signature. I check all of them constantly.

I'll provide a statement shortly.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Hello Dave,

This is Roberto.

If there are comments you would like to share, I can add them to the story.

I don't believe I have a direct contact for you.

Thanks for getting in touch,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:00 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: Will we get the opportunity to comment?

Roberto and Bryn,

I read with dismay the story about Rep. Neeley's comments. It's seems highly unfair that we were never contacted to reply. Nor is there any mention of the work the governor has done to assist Flint with its challenges, from the $10 million in assistance to the action plan to the work of the Flint Water Task Force or even the recent response from the Office of Auditor General.

Do you have my contact information? I work hard to make sure I am accessible to the media, even on weekends and holidays.

Please let me know if there is an opportunity for us to provide balance to this story.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
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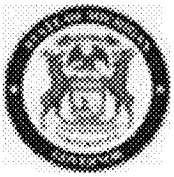

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:31 PM
To: 'Ronald Fonger'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: request for comment
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Ron,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Ron, I've attached a fact sheet from the MSP that outlines the legally required steps the state must follow.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, January 04, 2016 11:10 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: request for comment

Dave:
Genesee County Board of Commissioners Chairman Jamie Curtis declared a state of emergency in Flint because of the water situation today.

Flint Mayor Karen Weaver said she is set to meet with the governor to discuss the situation Thursday morning.
I realize you don't have the paperwork yet but would you want to comment on the development and the planned meeting Thursday?

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.

2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.

3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.

4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:33 PM
To: 'Egan, Paul'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint water
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Paul

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I've attached a fact sheet from MSP that outlines the emergency process.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Monday, January 04, 2016 11:00 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water

Hi Dave: Apparently the chairman of the Genesee County Board of Commissioners declared a state of emergency today in Flint related to the contaminated drinking water issue, meaning a formal request is headed to Gov. Snyder.

I am interested in following up on this issue. Could you please let me know if/when the governor's office receives the request, and, if possible, give me a heads up on any action he takes in connection with it?

Thanks, Paul

Fact Sheet

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From: Murray, David (GOV)
Sent: Monday, January 04, 2016 2:02 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint's emergeny declaration
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Laura, I ask that you look at the fact sheet that spells out the process.

We are offering Mayor Weaver our full support and are working with her to take steps that could lead to multiple pathways for resources for Flint residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

So the governor recognizes this as an emergency but isn't saying whether he'll sign, amend or reject the declaration of emergency?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 1:55 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Flint's emergeny declaration

Hello Laura,

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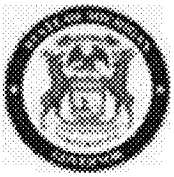
But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process that I'm sure you will find helpful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint's emergeny declaration

Hi, Dave, and Happy New Year.

I see that Flint's declaration of emergency is on its way to Governor Snyder. Has he decided yet whether he will sign, amend or reject it?

Thank you for the help.

Laura Conaway
The Rachel Maddow Show

Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.

2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.

3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.

4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:25 PM
To: 'Dave Bondy'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Request

Hi Dave,

We're working to see if there are opportunities in the schedule where the governor can be available. I'll know more tomorrow, or Wednesday, for sure.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Dave Bondy [mailto:dbondy@sbgtv.com]
Sent: Monday, January 04, 2016 3:01 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Request

Hello

I am putting in a request to interview Governor Snyder one on one regarding the Flint water issues.

Dave Bondy
Anchor/Reporter
dbondysbgtv.com
CELL– PPI

nbc25news.com wsmh.com thecw-46.com

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:43 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Flint's emergeny declaration

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:43 PM
To: 'Conaway, Laura (NBCUniversal)' <Laura.Conaway@nbcuni.com>
Subject: RE: Flint's emergeny declaration

Genesee County has three days to provide the state with damage assessment information that is needed for the request to the federal government. Members of the Michigan State Police Emergency Management Division have been working with the county on this and have provided guidance.

Again, prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control. We are committed to working with the mayor and county leaders in their efforts to protect the health of Flint residents. The mayor and governor are meeting later this week to discuss additional ways the state can provide assistance.

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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 2:04 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

I've read the sheet you sent. As I understand it, Governor Snyder is going to have a decision to make as to whether to sign, amend or reject the declaration. Do you disagree with that characterization?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 2:02 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint's emergeny declaration

Laura, I ask that you look at the fact sheet that spells out the process.

We are offering Mayor Weaver our full support and are working with her to take steps that could lead to multiple pathways for resources for Flint residents.

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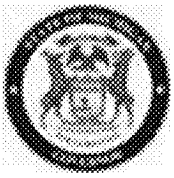

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
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To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

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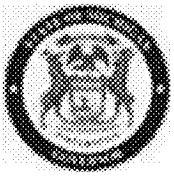

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The Rachel Maddow Show

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To: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Flint's emergeny declaration

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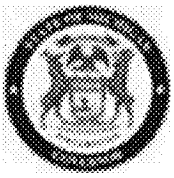

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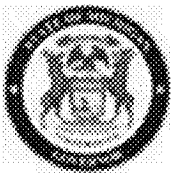

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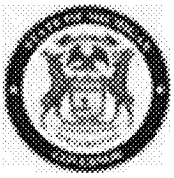

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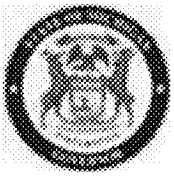

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Thank you for the help.

Laura Conaway
The Rachel Maddow Show

From: Eggert, David <DEggert@ap.org>
Sent: Tuesday, January 05, 2016 10:36 AM
To: Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: federal probe

Dave,

Can you comment on the U.S. attorney's office saying it is investigating the Flint water situation? Thx.

AP

ASSOCIATED PRESS

David Eggert
State government reporter

215 S. Washington Square, Suite 170
Lansing, MI 48933
T 517-482-8011
M PPI

deggert@ap.org
www.ap.org

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From: Biehl, Laura (GOV)
Sent: Tuesday, January 05, 2016 11:06 AM
To: 'arthur@huffingtonpost.com'
Cc: Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: filing on DOJ

Hi Arthur- Dave forwarded me your email. Here is our statement regarding the investigation. It can be attributed to me.

"We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders."

Best,

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell: PPI
BiehlL@Michigan.gov

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Tuesday, January 05, 2016 10:57 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: filing on DOJ

Hi Dave, I am filing a short item on the USAO opening an investigation into the Flint water crisis. They tell me they're working with the EPA.

First reported here I think: https://twitter.com/ACLUofMichigan/status/684394955276615680

--
Reporter | Huffington Post
(202) 624-9396 desk | PPI cell
Twitter @ArthurDelaneyHP

From: Biehl, Laura (GOV)
Sent: Tuesday, January 05, 2016 11:08 AM
To: 'sgcarmod@umich.edu'
Cc: Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: news media information request

Hi Steve,

Dave forwarded me your email. Here is our statement regarding the investigation. You can attribute to me.

"We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders."

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Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell PPI
BiehlL@Michigan.gov

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Tuesday, January 05, 2016 11:04 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: news media information request

David,

i just saw the MLive article about the DOJ investigation into the Flint water contamination.

Could you send me the governor's office statement?

Steve Carmody
Michigan Radio

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 1:02 PM
To: 'Conaway, Laura (NBCUniversal)'
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Query about the U.S. Attorney involvement

Hello Laura,

We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation, and we are fully cooperating with any requests made by that panel as well. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders.

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MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, January 05, 2016 1:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Query about the U.S. Attorney involvement

Hi, Dave.

We see the news today that the U.S. Attorney has confirmed its involvement with the EPA investigation into what happened in Flint.

Can you tell me, please, whether your office has had any contact with the U.S. Attorney either before that story appeared this morning or since then? Will your office reach out to the U.S. Attorney?

In the event that Governor Snyder or members of the administration are asked to testify or provide documents, will the Governor and the administration comply?

Also, if there have been any changes or developments regarding Flint's declaration of emergency, please let me know.

Thank you!

Laura Conaway

From: Biehl, Laura (GOV)
Sent: Tuesday, January 05, 2016 1:03 PM
To: 'pegan@freepress.com'
Cc: Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: US Attorney's Office Flint

Hi Paul- Dave forwarded me your note. Here is our statement on the investigation. You can attribute to me.

We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation, and we are fully cooperating with any requests made by that panel as well. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders.

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Lansing, MI 48933
Office: 517-335-6397
Cell: PPI
BiehlL@Michigan.gov

From: "Egan, Paul" <pegan@freepress.com>
Date: January 5, 2016 at 11:56:03 AM EST
To: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Subject: US Attorney's Office Flint

Dave can you give me any comment on US Attorney's Office saying they are investigating Flint water contamination, along with the EPA?
Thanks, Paul

From: Brown, Jessica (GOV)
Sent: Tuesday, January 05, 2016 1:52 PM
To: Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: PHONE MESSAGE: Ben Thorp - CMU Public Radio

Looking for a statement in response to the Flint emergency declaration. Specifically looking for the Governor's position.

Deadline: COB today

PPI
thorpben39@gmail.com

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, January 05, 2016 4:39 PM
To: Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Query about the U.S. Attorney involvement

Hi, again.

I see the new news about the Governor declaring a state of emergency regarding Flint's drinking water.

When we talked yesterday, you mentioned that you had three days to gather information. What happened to speed up that process?

Also, the Governor's statement references state assistance. Has he made a decision about seeking federal help as well?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, January 05, 2016 1:02 PM
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Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
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Also, if there have been any changes or developments regarding Flint's declaration of emergency, please let me know.

Thank you!

Laura Conaway

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, October 13, 2015 1:40 PM
To: Wurfel, Sara (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: Flint
Attachments: 1st letter to blend.pdf; 2nd request to blend.pdf; KWA Approval.pdf; Kurtz KWA.pdf; DWSD Termination Ltr.pdf

Importance: High

As requested, see below and attached. Let me know if this is what you need.

Flint EM dates (financial emergency declared in December 2011)

Mike Brown, apptd 12-1-11 (when fin emer declared under PA 4 of 2011)
Ed Kurtz, apptd 8-8-12 (when PA4 was repealed in Aug 2012, Brown couldn't serve as EM, PA 72 back in effect)
Mike Brown, apptd 7-4-13 (Kurtz retired; PA436 in effect)
Darnell Earley, apptd 10-8-13 (Brown resigned)
Gerald Ambrose, apptd 1-13-15 (Earley appointed DPS EM)

Financial Emergency resolved, 4-29-15 (RTAB apptd)

Other dates

June 26, 2012 – Letter from EM Brown to DWSD seeking permission to blend river water with DWSD water (attached).

Sept. 20, 2012 – Letter from EM Kurtz to DWSD requesting written permission to implement blending (attached).

March 25, 2013 – The Flint City Council endorses joining KWA (see url below)
http://blog.mlive.com/newsnow_impact/print.html?entry=/2013/03/flint_city_council_approves_re.html

April 11, 2013 – Treasurer Dillion sends letter to EM Kurtz (attached) noting conditional approval of move to KWA (pursuant to PA436), pending a review of DWSD's last, best offer.

April 16, 2013 – EM Kurtz informs Treasury that the City will join KWA (attached).

April 17, 2013 – DWSD transmits letter to EM Kurtz terminating service to Flint, effective April 17, 2014 (attached).

April 17, 2014 – Water service from DWSD officially ends.

CITY OF FLINT

Infrastructure and Development

Dayne Walling
Mayor

Michael K. Brown
Emergency Manager

Howard D. Croft
Director

June 26, 2012

Sue F. McCormick
Director DWSD
735 Randolph St.
Detroit, MI 48226

Dear Ms. McCormick,

In cooperation with the Michigan Department of Environmental Quality (MDEQ) and city engineers, the City of Flint has undertaken a review of the regulatory requirements necessary to supply water to our residential and commercial customers. As part of our evaluation it was determined that the Flint Water Treatment Plant is capable of successfully "blending" or "co-mingling" water sources while continuing to provide quality drinking water to citizens.

The Flint Water Treatment Plant would require approximately $1.3 million dollars in increased expenses in order to blend as much as one third (1/3) of treated river water with two thirds (2/3) of treated DWSD water. Using the 2013 DWSD rates this would result in savings of between two and three million dollars annually based on current usage data. The MDEQ has provided Flint with written documentation supporting our blending of water sources and the potential benefit.

Given this information we respectfully request written permission from DWSD to proceed with blending treated Flint River Water with treated DWSD water.

It should be understood that our goal is to deliver both high quality and economically viable water to our customers. This goal has led us to fully consider all available options including purchasing water from the Karegnondi Water Authority and use of the Flint River. We believe that in order for an option with DWSD to be successful it is essential that along with the proposed authorization to blend water that there is a guaranteed containment of the new "fixed costs" that exist in the current fee structure. The new DWSD fixed charge of $707,000 each month regardless of amount of water used is five times the original $143,000 each month instituted only two years ago. This has resulted in the cost of water from DWSD dropping in recent years as the overall fee has increased annually by millions although our usage has continued to decline. The continuation of this trend would render our request and goals invalid.

With the current Emergency Manager condition in Flint we believe that limiting an agreement to only three years is appropriate. This time frame would also serve as an evaluation period prior to any proposed long term agreement being considered.
We appreciate your consideration and look forward to working together.

Sincerely,

Michael K. Brown
Emergency Financial Manager Flint, Mi.

Edward J. Kurtz
Emergency Financial Manager

Dayne Walling
Mayor

September 20, 2012

Sue F. McCormick & DWSD Board
Director DWSD
735 Randolph Street
Detroit, MI 48226

Dear DWSD Board:

During the past nine months we have had several discussions with DWSD representatives regarding future water rates and other options including permission for Flint to blend treated water from DWSD. Flint currently has received written documentation from the state regulatory agency DEQ supporting the ability for Flint to safely blend treated water from Detroit.

In an effort to move forward we must have a written response from the DWSD Board that clearly states the following:

Will DWSD allow Flint to blend treated water from Detroit?

What are the rates given an estimated usage by Flint and Genesee County of:

- 23 MGD Average Daily Usage
- 40 MGD Maximum Day Usage

We are requesting this information be delivered to Flint no later than **October 1, 2012** so that we may evaluate all of our options and begin moving forward.

Sincerely,

Edward J. Kurtz
Emergency Financial Manager

City Hall
1101 S. Saginaw Street - Flint, Michigan 48502
810-766-7346 FAX: 810-766-7218 www.cityofflint.com

89 (Rev. 02-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

Mr. Edward Kurtz
Emergency Manager
City of Flint
1101 South Saginaw Street
Flint, MI 48502

April 11, 2013

Dear Mr. Kurtz:

Thank you for your March 29, 2013 letter, which is attached for reference. As the Emergency Manager for the City of Flint ("Flint" or "City"), you have asked for my concurrence, pursuant to Public Act 436 of 2012, the Local Financial Stability and Choice Act, to authorize a contract in excess of $50,000.00 not subject to competitive bidding. This request was related to the City entering into an agreement with the Karegnondi Water Authority (KWA) for provision of raw water for the City.

In considering your request, I took note of the following facts in support of Flint joining KWA. First, there is widespread support in the City for this move, including the support of the Mayor, the City Council, and the Emergency Manager. Second, this move will provide a unique opportunity for the City and County to partner on an important project, which will hopefully lead to future regional collaboration. Third, the Department of Environmental Quality is supportive of the City participating in the KWA project. Finally, your representations that this deal will lead to substantial savings for the City over the coming decades, savings that are desperately needed to help with the turnaround of the City of Flint.

It is my understanding that the Detroit Water and Sewer Department is making a final best offer to Genesee County and the City of Flint next Monday, April 15, 2013. As such, this approval will be effective at 5 pm on April 16, 2013 after receiving written notice from the City that either no such offer was presented to the county and the City or that an offer was received and was rejected in good faith based upon specified objections.

For the reasons described above and subject to the conditions set forth herein, pursuant to Section 12 (3) of PA 436 of 2012, I am authorizing you to proceed with adopting the resolution and entering into a contract with KWA.

Sincerely,

Andy Dillon
State Treasurer

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
EDWARD J. KURTZ

ELECTRONIC LETTER

April 16, 2013

Andy Dillon
State Treasurer
P. O. Box 30716
Lansing, MI 48909

Dear Treasurer Dillon:

Flint, Genesee County and KWA received an eight page letter from Detroit Water and Sewerage Department (DWSD) offering a framework for a long-term agreement with our region. Two scenarios were presented;

Scenario 1: Water from the Lake Huron Plant.

This offer was dismissed immediately because Flint would still be responsible for their share of the KWA water pipeline delivery system estimated to be $79 million. In addition Flint would not be able to operate the Flint Water Plant in which we have invested over $40 million per MDEQ mandates over the past ten years. Finally, although DWSD shows this as an option and supplied a per month cost projection for the first year, no total costs over the life of the contract were provided.

Scenario 2: "Full Service" Water Supply

This offer was also rejected. DWSD would supply water to Flint/Genesee the same way they currently are today. They would change the method of calculating our bill. The offer would provide a $1.00 per ccf reduction on our usage for the first year, providing a 30 year contract is signed.

After review of the offer, Flint/Genesee has the following concerns:

1. DWSD's offer is a framework subject to negotiations and is not a firm offer.

2. DWSD's offer is based on 40.6 mgd, the KWA plan is based on 60 mgd. Flint/Genesee last summer hit the peak of 40.6 mgd and this DWSD offer provides no room for growth. Growth would result in penalties or added cost.

3. DWSD's offer does not include a guaranteed rate for years two through thirty, nor does it provide a maximum annual increase.

4. DWSD's offer does not provide a redundant supply for GCDC.

5. DWSD's offer does not allow for the use of Flint's existing water plant.

6. The offer indicates that the total cost to Flint over the life of the contract would be $587,990,665. No indication of what annual rate of increase was used in this projection. Flint can only assume it is 4.4% based on the Tucker Young report. It is also based on 40.6 mgds. KWA's proposal is for $649,775,166 based on 60mgds (33% more). Based on 60 mgds DWSD's proposal would be $868,950,738.

On a final note, Flint/Genesee has great concern over the accuracy of the figures provided by DWSD. Attachment 1 indicates that our joint annual cost to DWSD is $50 million; actual cost is less than $25 million. Attachment 2 indicates $800 million in savings over the next 30 years. That is greater than the total cost we would pay DWSD.

Therefore, I will sign the resolution to join KWA at the close of business today.

Sincerely,

Edward J. Kurtz
Emergency Manager

City of Detroit
Water and Sewerage Department
Office of the Director

735 Randolph Street
Detroit, Michigan 48226
www.detroitmi.gov

RECEIVED
CITY COUNCIL
CITY CLERK'S OFFICE
2013 APR 19 AM 11:23

April 17, 2013

Via Certified Mail and Electronic Delivery

Ms. Inez M. Brown
City Clerk
City of Flint
2nd Floor, City Hall
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Ms. Brown:

Regarding: Termination of Contract for the Provision of Water Services by the City of Detroit, Water and Sewerage Department

On December 20, 1965, the City of Detroit, through its Board of Water Commissioners, (DWSD) and the City of Flint, Michigan (Flint) entered into a contract for the provision of DWSD treated water to Flint and the distribution by flint of that water to other Genesee County communities. Section 18 of that Agreement[1] provides:

18. The Board [DWSD] shall supply and sell water to the City [Flint] from the water system of the City of Detroit, and the City shall receive and purchase such water in accordance with the terms of this Agreement for an indefinite period of time but at least for a period of thirty-five (35) years from the date hereof. This Agreement may be terminated by either party after expiration of said 35-year period, upon one year's written notice served upon the other party by delivering the same to the Secretary of the Board or to the Clerk of the City as the case may be, or at any time upon mutual consent of both parties.

Please take notice that pursuant to this section, 18, of the above-referenced Agreement, DWSD is terminating this Agreement one year from today's date (April 17, 2014).

Sincerely yours,

Sue F. McCormick
Director

[1] Although the Agreement between DWSD has been subsequently amended, Section 18 remains unchanged and in full effect.

Message

From: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MURRAYD1]
Sent: 11/19/2015 6:24:48 PM
To: Eisner, Jennifer (DHHS) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=ef1b313969ef4776b14cfe8cff0d9fa2]; Wurfel, Sara (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Wurfels]; Brown, Jessica (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Brown Jessica741]; Kennedy, Jordan (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=KennedyJ4]; Heaton, Anna (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Heaton Annadd4]; Biehl, Laura (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Biehl Laura9e1]; Agen, Jarrod (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Agen Jarrod9ea]
CC: Wurfel, Brad (DEQ) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=b6f17684155b465697bd2b350f2eb914]; Tommasulo, Karen (DEQ) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=6efada3b8bf04f89a494d31d2d514c55]; Lasher, Geralyn (DHHS) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=d7135a709f634c62b53c9dc1c48eb5ff]; Minicuci, Angela (DHHS) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=c34a5da249dd4cd59707c380cd5b3ce4]
Subject: Flint blood level data
Attachments: Flint EBL Data Press Release DM.docx

Good evening, MDHHS friends,

Here are suggested changes to the press release. I think it's vitally important to have our "people first" approach, and be very up front about the results. I also think it's important to show up high what we will do with this data. Please consider the changes. I also think it's worth a conversation about whether we want to release this on a Friday morning. This is a challenging situation to be sure, but I think these results are fairly encouraging considering some of the heated rhetoric on this issue.

Thank you,

Dave

FOR IMMEDIATE RELEASE CONTACT: Jennifer Eisner
DRAFT (517)
241-2112

MDHHS releases October data outlining blood lead levels in Flint

Results show 24 of 963 people tested had elevated levels

LANSING, Mich. – Blood lead level testing results released today revealed that 24 of 963 adults and children tested in Flint in October had elevated levels, according to the Michigan Department of Health and Human Services.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources.

Information was gathered from tests administered citywide to 963 children and adults between October 1 and October 30. Eighteen people age 17 or younger had elevated blood lead levels. Six adults over the age 18 were identified with elevated blood lead levels.

The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, chief medical executive with the MDHHS. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with county health department to reach these families. We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letter to Flint parents regarding lead testing. GCHD nursing staff are conducting direct outreach to families when an elevated blood lead level has been detected, serving as an important resources by addressing questions and concerns, providing information, and meeting them in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Flint EBL Data

Good afternoon:

Attached, please find the blood lead level test results for Flint zip codes 48501-48507, as well as a corresponding press release and talking points. With your approval and edits, we are planning to notify external partners tomorrow at 9:30 a.m. then post the report on www.michigan.gov/flintwater and issue the press release at 10 a.m.

Please let us know if you have any questions or concerns.

Thanks and best,

Jennifer Eisner

Public Information Officer

Michigan Department of Health and Human Services

Office: 517-241-2112 or EisnerJ@michigan.gov

Cell: PPI

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

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# # #

From: Heaton, Anna (GOV)
Sent: Thursday, October 15, 2015 11:34 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Subject: Draft PR for supplemental signing
Attachments: PR 151015 Flint water supp Signing.docx

Wanted to have someone proof and check messaging, then I will run it by DEQ/DHHS and leg. for approval.

Anna Heaton
Public Relations Advisor|Gov. Rick Snyder
o: 517-241-6049|c: PPI
@Republicanna

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Thursday, Oct. 15, 2015

Gov. Rick Snyder signs bill authorizing funding for Flint to move back to Detroit water system

LANSING, Mich. – Gov. Rick Snyder has signed legislation that will direct funding to the City of Flint's emergency water services to reconnect the city's water supply to the Great Lakes Water Authority.

"The signing of this funding bill is the resolution of a serious problem and I'm pleased so many parties came together to help deliver safe drinking water to the city of Flint," Snyder said. "Reconnecting to the Great Lakes Water Authority is only the first step, as the state will continue testing and inspections to ensure Flint families and children have clean water in their homes and schools."

House Bill 4102, sponsored by state Rep. Al Pscholka, authorizes $6 million to move the city back to Detroit's water system.

In addition to the $6 million:

- $300,000 goes to the Department of Environmental Quality's (DEQ) drinking water and environmental health services;
- $1 million will provide for DEQ to test water samples throughout the reconnection process;
- $1 million allows the Department of Health and Human Services to purchase and distribute water filters to Flint residents;
- $850,000 will aid in follow-up services for children, including lead testing and care for those with abnormal levels;
- $200,000 will fund state plumbing inspections for schools and health facilities.
- The City of Flint city government will provide $2 million toward reconnecting the water supply and the Charles Stewart Mott Foundation has committed $4 million.

The bill was approved unanimously in both the House and Senate and is now Public Act 143 of 2015.

For more information on this and other legislation, please visit www.legislature.mi.gov.

####

From: Heaton, Anna (GOV)
Sent: Tuesday, October 20, 2015 4:38 PM
To: Agen, Jarrod (GOV)
Subject: Flint after action PR
Attachments: PR 151020 Flint after action.docx

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces formation of Flint Water After Action Report Commission

Experts will provide ongoing monitoring of city water system

LANSING, Mich. – Gov. Rick Snyder today announced a new task force to review the state's actions regarding water usage and testing in Flint. The commission will conduct a thorough review and lay out recommendations on future guidelines for water testing. It will also monitor the transition of Flint's city water system back to the Great Lakes Water Authority, and its eventual transition to the Karegnondi Water Authority pipeline.

The commission will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, and Eric Rothstein, of the Galardi Rothstein Group.

"As stated previously, transitioning back to the Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on technical issues will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the citizens of Flint."

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate Majority Leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served eight years on the Ann Arbor City Council. He has been president of the MEC for eight years.

Matthew Davis, M.D., M.A.P.P., is Professor of Pediatrics and Internal Medicine at the University of Michigan Health System and Professor of Public Policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. He is the founding Director of the C.S. Mott Children's Hospital National Poll on Children's Health and the National Voices Project. Dr. Davis also previously served as the Chief Medical

Executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal advisor for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

As Gov. Snyder previously stated, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality is continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

From: Heaton, Anna (GOV)
Sent: Thursday, October 01, 2015 11:05 PM
To: Wurfel, Sara (GOV)
Cc: Paciorek, Josh (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV)
Subject: Re: Mail with GoodReader attachments

Everything looks really solid - good job you guys.

My only suggestion would be to cite a source in the PR graph that says "The water leaving Flint's drinking water system is safe to drink" - according to whom/what test/when?

Sent from my iPad

On Oct 1, 2015, at 10:35 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> Just realized that verb in last bullet got changed – it should not be "Creating" (much has already been created and done). This is "Ensuring" or "Boosting" or "Expanding"
>
> ---
>
> **From:** Paciorek, Josh (GOV)
> **Sent:** Thursday, October 01, 2015 9:17 PM
> **To:** Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> **Cc:** Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
> **Subject:** RE: Mail with GoodReader attachments
>
> Got it.
>
> Attached are revised versions.
>
> I'm going to send these to the printer now unless anyone has final changes.
>
> Thanks
>
> Josh
>
> ---
>
> **From:** Agen, Jarrod (GOV)
> **Sent:** Thursday, October 01, 2015 8:29 PM
> **To:** Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Paciorek, Josh (GOV) <Pacioreki@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> **Cc:** Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
> **Subject:** Fwd: Mail with GoodReader attachments
>
> See reorder from Gov.
> I would suggest we make similar reorder in press release (and talking points).
> Also - see his point on filters. Don't think that means we need to change handout, but maybe flesh that out more in press release.

Begin forwarded message:

From: "Snyder, Rick (GOV)" PPI
To: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Cc: "Scott, Allison (GOV)" <scotta12@michigan.gov>
Subject: Mail with GoodReader attachments

Please consider a reordering as suggested below.

Also, we need to have good back up info on the question mark by the filters. For people on assistance is clear. Are we going to provide filters to anyone with a concern? Also, what is the timing of filter availability and how we will communicate more info?

Thanks
Rick

See files attached to this message (sent from GoodReader)

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 6:26 PM
To: 'Kathryn A. Thomas'
Cc: Wurfel, Sara (GOV)
Subject: RE: security contact

Thanks so much, Kathryn. Sorry to bother you so late.

Run of show & comment topics below:

9:45 AM – 10:00 AM Pre-Brief with all speakers
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM Director Wyant gives remarks
10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM Dr. Eden Wells remarks
10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM Ridgway White gives remarks
10:25 AM – 10:35 AM Q&A from the podium
10:35 AM Event concludes; Governor departs

Nature of comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

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From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 6:20 PM
To: Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: security contact

Highlighted below.

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 4:32 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Subject: RE: Contact info

Not Responsive

Not Responsive

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Wednesday, October 7, 2015 4:19 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Subject: RE: Contact info

Not Responsive

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 1:27 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>
Subject: RE: Contact info

Not Responsive

Kathryn

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Wednesday, October 7, 2015 12:41 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Janiszewski, Erik (GOV) <JaniszewskiE@michigan.gov>; Utley, Corey (GOV) <UtleyC@michigan.gov>
Subject: RE: Contact info

Not Responsive

Laura Biehl
[redacted]
biehll@michigan.gov

Anna Heaton
[redacted]
heatona@michigan.gov

Corey Utley (Advance Coordinator)
[redacted]
utleyc@michigan.gov

Not Responsive

SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,
Kathryn

Kathryn Thomas
Vice President – Communications
Charles Stewart Mott Foundation
503 S. Saginaw Street, Suite 1200

Flint, MI 48502-1851
office: 810-766-1734 | cell: PPI

From: Heaton, Anna (GOV)
Sent: Thursday, October 08, 2015 9:02 AM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hollins, Harvey (GOV); Tommasulo, Karen (DEQ); Kennedy, Jordan (GOV); Biehl, Laura (GOV)
Subject: Re: Updated press release with Harvey's edits

Not Responsive

On Oct 7, 2015, at 9:53 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Team,

This new version incorporates Harvey's edits. Thanks, Harvey! We can add the quotes in the morning or later this evening.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
Not Responsive mobile
Twitter:@michigandmurray

<image001.jpg>

<151008 Flint water release_V3.docx>

From: Heaton, Anna (GOV)
Sent: Thursday, October 08, 2015 9:02 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV); Agen, Jarrod (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: Re: Press release with mayor, Mott quotes

Got it.

Sent from my iPhone

On Oct 8, 2015, at 12:05 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Not Responsive

On Oct 7, 2015, at 11:52 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Team –

A few things based on other dept edits. See below highlighted. I believe these are necessary and help. But please review and make sure makes sense to you as well.

Also – the Detroit system pulls from both Lake Huron and the Detroit River. Mott is working on amending Ridgway's quote. See below for info:

Water 101/Q&A about Water Treatment -
http://www.dwsd.org/pages_n/water101.html
Q: What is the source my drinking water?
A: The Detroit Water and Sewerage Department gets all of its water from the Detroit River and Lake Huron.

Detroit Water & Sewerage Dept Fact Sheet –
http://www.dwsd.org/downloads_n/about_dwsd/fact_sheet/dwsd_fact_sheet.pdf
The water system draws fresh water from the Great Lakes System, with Lake Huron to the north and the Detroit River to the south.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:44 PM
To: Snyder, Rick (GOV) <PPI>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>;

Biehl, Laura (GOV) <BiehlL@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Press release with mayor, Mott quotes

Good evening Governor and team,

Here's the most updated version of the press release, including quotes and incorporating suggestions from Mayor Walling and the Mott Foundation friends. Please let me know if there are any other changes. Thank you for your assistance.

Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe that reconnecting the city's water supply to Lake Huron is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, ~~which is drawn from Lake Huron,~~ IS EXPECTED TO CARRY many public health benefits. As large bodies of water, the Great Lakes are naturally

prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. **MOVED FROM 4" GRAPH TO HERE FOR FLOW ON ADDITIONAL STATE ACTION** The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

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School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<image001.jpg>

<image001.jpg>

From: Heaton, Anna (GOV)
Sent: Wednesday, December 16, 2015 11:25 AM
To: 'lmsmi@umich.edu'
Cc: 'vduffy@umich.edu'; Murray, David (GOV); Holland, Meegan (GOV)
Subject: re: How people in Flint were stripped of a basic human need: safe drinking water

Hi Lindsey,

In your Michigan Radio documentary on Flint water, you missed an important piece in your timeline, where you wrote *"…And once Detroit realized Flint was going to leave its system, it jacked Flint's water rates up even more – to the tune of $10 million over the two years the new pipeline would be under construction.*

So in the spring of 2013, Detroit kind of had Flint over a barrel.

It was state treasury officials who got creative.

Their solution?

Forget Detroit, Flint's emergency manager said. Let Flint get really cheap water from the Flint River."

That's not factual information for your readers and listeners. In fact, in the spring of 2013, the Flint City Council, and Mayor Walling, made the decision to switch to Karegnondi, and in the meantime, take some of its water from the Flint River. This was approved at the city council meeting in a 7-1 vote on Monday, March 25, 2013. Their decision was then sent to the emergency manager to approve. In fact, at the time, Flint City Council President Scott Kincaid said "I've never been a fan of staying with Detroit."

It is critical to note that Flint and Genesee Co. had been in discussions to start their own water authority for years before this decision was reached. They had been gathering information on a switch and leaning toward that decision far before the Gov. was even in office.

Here is a link to the city council resolutions, as well as a comprehensive story from 2013 on that city council's decision. http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html

This needs to be corrected, and quickly. Please let me know if you'd like any additional information or resources to add to the timeline of events published yesterday.

Thank you,

Anna Heaton
Deputy Press Secretary | Gov. Rick Snyder
o: 517-241-6049 | c: PPI
@Republicanna

From: Wyant, Dan (DEQ)
Sent: Tuesday, September 29, 2015 12:06 PM
To: Wyant, Dan (DEQ); Muchmore, Dennis (GOV); Lyon, Nick (DCH); Hollins, Harvey (GOV); Scott, Allison (GOV)
Cc: Wurfel, Sara (GOV); Lasher, Geralyn (DCH); Wurfel, Brad (DEQ); Emmitt, Beth (GOV); Clement, Elizabeth (GOV)
Subject: RE: Proposed Press Conference on Flint Drinking Water

Importance: High

Revised Updates from yesterday's e-mail to Dennis Muchmore, Harvey Hollins, and Nick Lyons. I have added Allison Scott to give to the Governor for the 1:00 meeting today.
Thank you.
==========
Per the ongoing issues in Flint concerning their drinking water, I would offer the following recommendations. Let's discuss.

Recommendation

Press Conference in Flint - Friday, October 2, 1:30 – Flint

Participants

Mayor of Flint
Dan Wyant – Michigan Department of Environmental Quality
Nick Lyon – Department of Community Health
Susan Hedman – Region 5 Administrator or EPA
Harvey Hollins – Governor's office
Local Public Health Department

Announcement

Federal – State – Local action plan to address Flint Drinking Water

1. Chief Medical Officer speaking with Hurley.

2. All Flint schools water will immediately be tested to ensure that drinking water is safe.

3. Advisories will be disseminated recommending citizens flush your cold water pipes, use only water from the cold water tap for drinking, cooking and especially for making baby formula.

4. Implementation of fully optimized corrosion controls in the Flint drinking water system.

5. Expanded water testing of at risk properties.

6. Offer water testing at no cost to Flint residents to assure water is safe.

7. Convene a safe drinking water " Technical Review Advisory" to ensure best technology, practices and science is being utilized, including EPA's expertise and assistance from their Office of Research and Development.

8. Offer bottled water and premixed formula if test results indicate high levels of lead.

9. Accelerate water system improvements to address replacement of lead service lines.

Dan Wyant, Director
Department of Environmental Quality
PPI (New Number)

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 5:25 PM
To: Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV); Dickinson, Sarah (GOV)
Cc: Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV)
Subject: Revised am media plan

Importance: High

All –

Per some of the latest developments and issues and conversation with Governor earlier today, this is what am now proposing for Flint water media time tomorrow. Please let me know if any issues or concerns ASAP.

11 to 11:10 – pre-brief with Gov., Dan Wyant, Nick Lyon, and Dr. Eden Wells and staff (last minute issues, review flow, messaging).

11:15 – 11:40 a.m. – media conference (with EMBARGOED info until 1:30 p.m.) call with following media targets:

Flint Journal/MLive – Ron Fonger
Reporters from each of three TV stations: WJRT TV 12, WNEM TV 5 and WEYI TV 25
WFNT Radio - Jason Cooper
MI Radio – Steve Carmody
Associated Press – Ed White
Detroit News – Jim Lynch
Detroit Free Press – Nancy Kaffer/Kristy Tanner

NOTE: Combining with DFP and other reporters given some of the local announcements today and the fact that the Governor wanted our Cabinet team participating on the phone too. That way everyone hears everything the same way at the same time.

11:45 to 11:55 a.m. – WJR Frank Beckmann Show - wrap up show/guest

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 5:45 PM
To: Dickinson, Sarah (GOV)
Cc: Emmitt, Beth (GOV); Bedan, Morgan (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: RE: Friday media briefings

Importance: High

Here are the two media briefings for tomorrow. Holler if have any Qs or need anything else at all.

From: Biehl, Laura (GOV)
Sent: Thursday, October 01, 2015 5:23 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Friday media briefings
Importance: High

RDS/Dan Wyant/Nick Lyon/Dr. Eden Wells/JA/SW- LIVE conference call with media regarding Flint water comprehensive action plan

DATE: Friday, Oct. 2, 2015

Time: 8:15-8:40 a.m. PST (11:15-11:40 AM EST)

Location: Via phone from San Fran

RDS to call: **PPI**

- Call right at 8:15 a.m.; Call will be live immediately. SW will introduce you, the other participants and open it up for your opening remarks.
- Other participants will be Dan Wyant, DEQ Director; Nick Lyon, DHHS Director; and Dr. Eden Wells, MI's Chief Medical Executive
- SW will moderate and screen reporter questions.

Purpose: Media conference call to discuss Flint water comprehensive action plan

Possible Topics:
Flint water action plan
Lead in Flint water
Handling of Flint Water issue
Reconnecting Flint to Detroit water

Media invited:
Flint area media (print, TV and radio) – Flint Journal/Ron Fonger; WJRT TV 12, WNEM TV 5, WEYI TV 25, WFNT Radio
Associated Press – Ed White
Detroit News – Jim Lynch
Detroit Free Press – Nancy Kaffer, Kristi Tanner & Kathy Gray
Michigan Radio – Steve Carmody

Agenda:
11:15-11:16 AM SW intro; sets parameters; introduces other participants; turns over to Gov for opening

remarks

11:16-11:21 AM	Governor gives opening remarks; highlights the key steps in the action plan
11:22-11:37 AM	Governor opens up for Q&A, weaving in Departmental experts as necessary and needed
11:37-11:39 AM	Governor gives closing remarks
11:39 AM	SW wraps up call; reminds reporters of embargo, 1:30 p.m. press conference and how to get a hold of everyone

Recent Articles:

Freep: Legislators take action to fix Flint water supply- http://www.freep.com/story/news/politics/2015/10/01/legislators-take-action-fix-flint-water-supply/73152540/

WDIV: Public health emergency declared due to lead in Flint water- http://www.clickondetroit.com/news/public-health-emergency-declared-due-to-lead-in-flint-water/35601670

Mlive: Governor says fallout from Flint water switch wasn't fully understood- http://www.mlive.com/news/flint/index.ssf/2015/09/snyder_says_he_helped_bring_wa.html

Freep: Snyder finally says lead in Flint water may be problem- http://www.freep.com/story/opinion/columnists/nancy-kaffer/2015/09/30/time-gov-says-lead-flint-water-may-problem/73088666/

Mlive: Legislative Black Caucus urges state of emergency for Flint water- http://www.mlive.com/news/flint/index.ssf/2015/09/michgans_black_causus_urges_go.html

Market: Statewide

Contact: Conference line: PPI

RDS/JA – LIVE Radio interview with Frank Beckmann on WJR Radio

Date: Friday, Oct. 2, 2015

Time: 8:45-8:55 a.m. PST

Location: Via phone

RDS to call: PPI

Purpose: To discuss priorities and key issues you are working on in 2015.

Possible Topics:

- Not Responsive
- Flint Water
- Not Responsive

Recent articles:

Not Responsive

Not Responsive

AP: Snyder acknowledges some mistakes in tapping Flint River- http://www.elkharttruth.com/news/michigan/2015/09/30/Snyder-acknowledges-some-mistakes-in-tapping-Flint-River.html

Note:

- # Not Responsive

Last interview: 5/28/15 at Mackinac

Market: Southeast Michigan- online at wjr.com

Contact: Studio: Not Responsive; Back-up Producer Terri Leib cell: Not Responsive

From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 6:44 PM
To: Wurfel, Sara (GOV)
Cc: Emmitt, Beth (GOV); Bedan, Morgan (GOV); Dickinson, Sarah (GOV); Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV)
Subject: Re: Revised am media plan

Ok

Sent from my iPhone

On Oct 1, 2015, at 2:25 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

All –

Per some of the latest developments and issues and conversation with Governor earlier today, this is what am now proposing for Flint water media time tomorrow. Please let me know if any issues or concerns ASAP.

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NOTE: Combining with DFP and other reporters given some of the local announcements today and the fact that the Governor wanted our Cabinet team participating on the phone too. That way everyone hears everything the same way at the same time.

11:45 to 11:55 a.m. – WJR Frank Beckmann Show - wrap up show/guest

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@SaraLW

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 4:30 PM
To: Dickinson, Sarah (GOV); Emmitt, Beth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Kennedy, Jordan (GOV)
Subject: Flint update

Here's a quick media update to add to the other Flint briefing and update coming from Dan Wyant.

CBS Evening News was in Flint Monday and Tuesday with coverage slated to air during tonight's 6 p.m news block nationally. Story isn't likely to be great, but should hopefully be fair and balanced. Will have ties into race, poverty, emergency management, and what state and locals did and knew when and how situation was handled.

We helped arrange interviews with DEQ Director Dan Wyant and DHHS' Cheryl Thompson, who is the deputy director for the Department's field services, an African American and also a Flint resident. They did those interviews from the now up and running water filter distribution centers at one of the two DHHS Flint offices.

They also did interviews with local Flint media.

Majority of media coverage both in Flint locally and statewide today to date has been on free water filter distribution so has been generally more positive.

Sen. Ananich was again urging immediate switch to Detroit water with comment "To me, the cost-benefit analysis that has cost on one side and brain damage for kids on the other -- it's incomprehensible."

Erin Brockovich did an exclusive interview for WJRT TV 12 that's supposed to air tonight in the 5 p.m. news and the teaser is "one of the worst situations she's ever seen."

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@SaraLW

From: Wyant, Dan (DEQ)
Sent: Thursday, October 08, 2015 5:40 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Dickinson, Sarah (GOV); Emmitt, Beth (GOV); Snyder, Rick (GOV)
Cc: Wyant, Dan (DEQ)
Subject: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Importance: High

Dear Governor,

Below are our 26 action steps we are working on:

26 Action Steps for Next Week, October 12-16, 2015

1. Identify schools and prioritize for assessment
2. Get DLARA plumbers organized
3. Complete sampling instructions
4. MDARD info for restaurants
5. Update 2004 letter to EPA
6. Approve Flint plan for water line
7. Lead education plan for schools for Drinking Water
8. Begin regular meetings with Flint
9. Schedule WTP tour
10. Meet with schools and DLARA-invitation only
11. Update Web page
12. Contact DHHS to see where they are with United Way
13. Circulate protocol draft with EPA
14. Contact City about homeowner sample delivery
15. Communicate to MDARD and City that business samples should be coordinated though lab
16. Figure out number of samples from schools and child care facilities
17. Confirm Lynda Dykema is POC for DHHS
18. Contact KWA to find out if there are any bottlenecks we need to remove
19. Expedite 399 Plan and Phosphate Plan
20. Get update on service line index card conversion and identify where partial replacements exist
21. Make sure DHHS gets info so they can cross reference
22. Legislative contacts
23. Legislative time line and summary
24. Dan reconnect with state superintendent
25. Conduct After Action Plan
26. Change Part 54-Drinking Water Revolving Loan Fund

If you have any questions, please let me know.

Dan Wyant

Director

From: Thelen, Mary Beth (DEQ)
Sent: Monday, October 12, 2015 2:30 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc: Wyant, Dan (DEQ); Dickinson, Sarah (GOV)
Subject: 2015-10-12 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: Chrono 042104 Letter.pdf; __www.freep.com_story_news_local_michigan_2015_10_10_misse.pdf; FW: Filter distribution data; 2015-10-12 Action Steps Week of October 12-16.pdf

Dear Governor's Office,

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. 2004 Letter to EPA on Lead
2. 10/11/15 Detroit Free Press Article
3. Filter Distribution Data
4. Updated Action Steps Document

Thank you.

Dan Wyant
Director

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

Deputy(s)
Director's Office Staff
Division/Office Chief
Prepared by:
Name Richard Bennie
Division/Office WD
Log Letter No. SIR 00302
File No.
☐ Delogged
EQ 0110e (Rev. 1/2001)

April 21, 2004

Mr. Benjamin H. Grumbles, Acting Assistant Administrator
United States Environmental Protection Agency
Washington, DC 20460

Dear Mr. Grumbles:

SUBJECT: State Programs to Control Lead in School Drinking Water

Thank you for your letter of March 18, 2004, requesting information on efforts being taken by the Michigan Department of Environmental Quality (MDEQ) to control lead in drinking water at schools and day care facilities. The following information has been assembled by staff in our Water Division (WD) having the regulatory responsibility for public water systems.

The WD continues to actively implement the requirements of the Lead and Copper Rule (LCR) authorized by the 1986 amendments to the federal Safe Drinking Water Act, 1976 PA 399, as amended. In Michigan, we have approximately 900 schools and day care centers that meet the definition of a nontransient noncommunity (NTNC) public water system. All of these systems rely on groundwater as their source. Fortunately, groundwater in Michigan is not typically corrosive or conducive to significant lead leaching from water system components.

As specified by the LCR, routine monitoring for lead and copper has been and continues to be conducted in these NTNC systems. Our experience has shown lead levels to be acceptable in these schools and day care centers when samples have been correctly collected from actual drinking water taps. From 1999 to 2003, the MDEQ laboratory analyzed 14,207 lead samples from NTNC public water systems. Only 2.4 percent of these sample results exceeded the lead action level of 15 parts per billion (ppb). Over 94 percent of these results reported lead levels less than or equal to half the lead action level of 7.5 ppb, with 37 percent reporting lead as not detected. On the rare occasion that one of these NTNC systems exceeded the lead action level, the owners have typically eliminated exposure by supplying bottled water or removing the offending tap until a long-term solution has been instituted. Rarely have the elevated lead levels been attributed to a system-wide problem. In Michigan, it has been repeatedly demonstrated that elevated lead levels from drinking water taps in schools are diminished by fixture replacement. In the last 5 years, we have had only 10 action level exceedences reported from a total of 1,750 NTNC public water systems. Only two of these systems have had to install corrosion control treatment.

In your letter, you state that schools are only subject to the requirements of the LCR if they have their own water system. This statement implies there is no benefit to those schools served by community public water systems. The WD feels strongly that the LCR does provide a significant benefit to schools and day care centers that are served by community public water systems (CPWS). Despite limitations in these regulations that severely restrict CPWS from using schools and day care centers as sampling sites, proper implementation of this regulation should result in reduced lead exposure for all customers. For instance, schools and day care centers connected to CPWS serving more than 50,000 residents benefited from the LCR because these water systems have had to demonstrate and maintain optimal corrosion control. These large systems were required to reduce lead levels throughout their water system to the lowest levels possible. In addition, schools and day care centers connected to CPWS serving 50,000 or fewer residents have benefited from proper implementation of the LCR because these water systems have had to achieve and maintain compliance with the lead action level. Furthermore, any CPWS that exceeded a lead action level also had to provide public notification and public service announcements in accordance with and on a frequency specified by the LCR. Therefore, schools and day care centers in these systems could choose to provide an alternate drinking water source until compliance was achieved and lead levels were reduced in their CPWS.

Your letter also references the Lead Contamination Control Act (LCCA) of 1988, which recalled drinking water coolers with lead-lined water reservoir tanks and banned new drinking water coolers with lead parts. This law caused Michigan's state plumbing board to make changes in the construction code to ban lead materials in other drinking water system components as well. Items such as 50/50 lead-tin solder for household plumbing, lead packers and lead wool used for well screens, and brass fixtures having greater than 8 percent lead were among the items banned from future use in potable water systems.

In 1988, prior to the LCCA, NTNC schools in Michigan were informed of the requirement to provide public notice regarding the potential for lead in drinking water, and they were mailed an example notice to use. All Michigan schools supplied by CPWS were also mailed the same information with a recommendation that they provide similar public notice although it was not required by law.

In 1989, over 8,000 Michigan schools and day care centers were mailed information on the LCCA. We cited concerns about lead levels and recommended a sampling and flushing protocol be instituted at all taps used for consumption, not just the water coolers required by the LCCA. In addition, staff of the WD made presentations to state school business officials and to the environmental health association representing local health departments. Articles were also published in school and day care association newsletters.

In 1989, we also conducted a random telephone survey of 40 schools and 40 day care centers (both NTNC and those connected to another water system) regarding the LCCA. Seventy-five percent of the schools were aware of the LCCA requirements and 50 percent had performed some monitoring, while 40 percent of the day care centers were aware of the LCCA requirements, and about 20 percent had sampled.

In 1990, a second mailing to all 8,000 schools and day care centers was conducted, with updated information on the recall of water coolers as required by the LCCA and with the recommendations developed in Michigan on flushing drinking water outlets. In this letter, we also asked that any sample results be reported to us even though they were specifically not required to do so by the LCCA. About 30 of 500 school districts reported results from 720 "first draw" samples taken in over 200 buildings; 2.5 percent of these results exceeded the maximum contaminant level (MCL) of 50 ppb in effect at that time for lead, 8.6 percent exceeded 20 ppb, and 17.5 percent exceeded 10 ppb. It should be noted that all (104) flushed sample results reported lead levels less than 10 ppb. We also noted that the overall average levels in first draw samples collected from kitchen faucets were higher than levels from the targeted lead lined water coolers that were the focus of the LCCA. As a result of this data, state staff did pilot testing in three school districts and provided technical assistance to schools and day care centers. Follow-up sampling and investigations were also accomplished by state staff in other school districts.

As you mentioned, the LCCA also established a technical assistance program to support state activities to reduce lead contamination in schools. The WD is aware of the United States Environmental Protection Agency (USEPA) technical assistance fact sheets, technical bulletins training seminars, and the publication, "Lead in School Drinking Water." As discussed, we conducted several mailings, made numerous presentations, conducted follow-up surveys, responded to requests for assistance, participated in several pilot tests to reduce lead levels, compiled data, conducted additional sampling, and responded to many telephone inquiries with appropriate technical assistance. All of these activities constitute our technical assistance program. However, no funding has ever been allocated to states for implementation of the LCCA. All of the activities performed by Michigan in response to the requirements of the LCCA were done so with resources diverted from other programs. The primary requirement of the LCCA was for schools that identified coolers on a list of those suspected to contain lead lining to repair, replace, remove, or sample to show that these coolers did not contribute to lead in the drinking water. If the schools did sample, they were also required to tell their customers that results were available. If schools had no coolers on the list, nothing further was required by the LCCA. Despite this limited application of the LCCA, Michigan has performed numerous activities beyond the scope specified in the LCCA without any federal funding.

Finally, you ask what the USEPA can do to further efforts in this voluntary program. We have several suggestions. First, we recommend that the USEPA consider allowing schools to be considered Tier 1 sampling sites in CPWS so that we can gain more information on possible lead exposure in schools. Allowing CPWS to use schools will afford them an opportunity to use sampling sites that are more accessible than private homes, more likely to be geographically distributed throughout their system, and likely to satisfy a large constituency (parents). From our experience, we also recommend that the USEPA consider a sampling protocol for schools that would determine if the fixtures at kitchen taps are a problem that could be simply resolved by replacement. The USEPA may also want to consider requiring the owner of these facilities to replace any remaining lead service lines supplying schools or day care centers.

In conclusion, we understand that the detection of elevated lead levels at customer taps in Washington, DC, has caused the USEPA to focus on this issue. However, the MDEQ wants to emphasize that despite the limitations in this law, proper implementation of the LCR accomplishes adequate reduction in lead levels. Failure to carry out some rule provisions in one case should not be cause for disparaging implementation across the country, or for unnecessary revamping of this regulation. If you need further information or assistance, please contact Mr. James K. Cleland, Assistant Division Chief, WD, at 517-241-1287, or you may contact me.

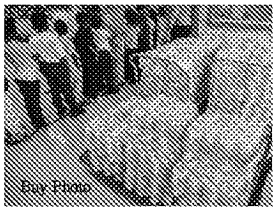
Sincerely,

Steven E. Chester
Director
517-373-7917

cc: Mr. Stanley F. Pruss, Deputy Director, MDEQ
Mr. Jim Sygo, Deputy Director, MDEQ
Ms. JoAnn Merrick, Senior Executive Assistant to the Director, MDEQ
Mr. Andrew W. Hogarth, MDEQ
Mr. Richard A. Powers, MDEQ
Mr. James K. Cleland, MDEQ

Chemical testing could have predicted Flint's water crisis

By John Wisely and By Robin Erb, Detroit Free Press *7:14 a.m. EDT October 11, 2015*



(Photo: Ryan Garza, Detroit Free Press)

Chemical tests could have predicted the corrosion in the pipes that is now being blamed for endangering the health of thousands of vulnerable Flint residents by elevating lead levels in their water supply, experts say.

As the city scrambles to reconnect to the Detroit water system, the absence of such testing on the Flint River water is one of many missed opportunities that might have lessened or avoided the crisis, they say.

"Any competent person should have seen this water will eat up iron and eat up lead," Marc Edwards, a Virginia Tech professor and national expert on pipe corrosion, told the Free Press. Edwards said his own research shows that Flint River water, without additional controls, corrodes the lead inside pipes at 19 times the rate of water piped from Detroit.

DETROIT FREE PRESS

Why are lead levels in children higher in 2 Flint ZIP codes?

(http://www.freep.com/story/news/local/michigan/2015/10/10/lead-danger-basics/73683934/)

Among red flags that popped up over the last 18 months:

- General Motors announced in October 2014 that it was pulling its engine plant off Flint water after workers there began noticing rust spots on newly machined parts. The city approved letting GM switch to water from Flint Township, but didn't change its own water treatment procedures.

- The University of Michigan-Flint alerted city officials that it found elevated lead levels in its water in January, prompting the school to shut off some some drinking fountains and add water filters to others.

- Testing in the fall of 2014 found E. coli in the city's water system, prompting "boil water" notices. The city's procedures for killing the E. coli produced chemical by-products known as trihalomethanes, which can cause cancer with long-term exposure. The city had to adopt additional measures to reduce them.

"Common sense tells you that the Flint River is not your first choice of drinking water," said Shawn McElmurry, who teaches civil and environmental engineering at Wayne State University and has followed Flint closely.

DETROIT FREE PRESS

Q & A on Flint's water troubles

(http://www.freep.com/story/news/local/michigan/2015/10/10/flint-water-qa/73693500/)

Experts say the testing could have been done before the switch from the Detroit system. But officials from the Michigan Department of Environmental Quality note that that kind of testing isn't required under federal drinking-water rules and has never been done in Michigan. What's more, they said, the Flint River water, treated in the city's plant, was already approved as a backup supply in case of interrupted service from Detroit.

Other experts said the testing is more nuanced, part art and part science. Still, they acknowledge that by examining things such as the acidity of water and other factors, engineers could have estimated how much corrosion to expect once water from the Flint River was pumped into homes and businesses across the city.

"Not every engineer in our field could do it, it's a pretty specialized area," said David Cornwell, a Virginia-based engineering consultant and a technical adviser to the National Drinking Water Advisory Council, a group of experts that works with the Environmental Protection Agency on drinking water issues.

DETROIT FREE PRESS

Flint doctor makes state tell lead truth

(http://www.freep.com/story/news/local/michigan/2015/10/10/hanna-attisha-profile/73600120/)

The fix now will cost $12 million — a combination of money from the state, the city and the Flint-based non-profit C.S. Mott Foundation, which has pledged $4 million to help pay Detroit for the water while Flint waits to connect to a new water authority in partnership with Genesee County.

Water woes began shortly after switch from Detroit

Flint began using Flint River water as its main supply in April 2014. Before that, it bought Lake Huron water that was treated and delivered by the Detroit Water and Sewerage Department. Detroit ended that deal one day after Flint voted to join Genesee County in forming the Karegnondi Water Authority, which plans to build its own Lake Huron intake and pipe the water to the Flint Water Plant.

Flint officials wanted to remain on Detroit's system, but the two sides couldn't agree on a price and a contract length.

Once the switch to river water was made, the city, which was operating under a state-appointed emergency financial manager, faced one problem after another. Residents packed city council meetings and held protest marches to voice their anger about water quality.

Experts say Flint's lead problems could have been held in check if the city had added phosphates to the water, as Detroit has done for years. The treatment doesn't eliminate lead entirely, but it does form a film over the pipes themselves, effectively sealing in the lead and reducing the amount in the water to acceptable levels.

But when Flint switched to river water, it didn't add phosphates. Instead it added lime to soften the water.

“The lime softening process has the added benefit of some corrosion control,” said Liane Smith, chief of Michigan’s Office of Drinking Water and Municipal Assistance.

Smith said that once the switch was made, the state began testing for lead and copper, as is required by the federal Environmental Protection Agency.

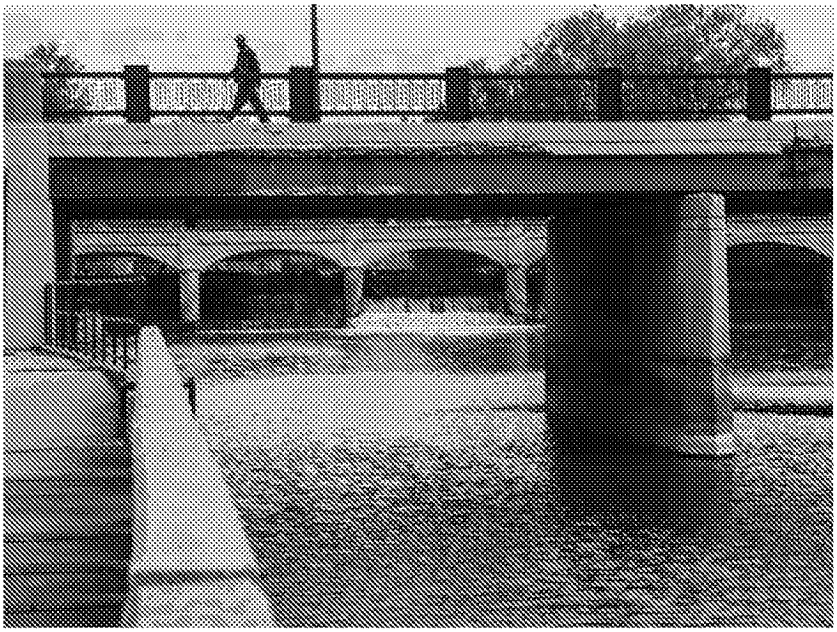
“Any new supply that comes along has to do two six-month rounds of monitoring for lead and copper out in their distribution system,” Smith said. If those tests show corrosion, additional steps, such as perhaps adding phosphates, are supposed to be followed.

The first round of testing completed in December 2014 showed lead levels of 6 parts per billion. The second round, completed in June of this year, showed they had almost doubled to 11 parts per billion. The EPA requires a remediation plan when levels reach 15 parts per billion and can demand action even below that mark on systems that serve more than 50,000 people.

Cornwell said phosphates are considered more effective than lime softening and they don't raise treatment costs substantially. But they have side effects, he said.

“The negative is that nobody really likes phosphates out in the environment,” he said, noting they can find their way into rivers and lakes, fueling algae blooms such as the ones in Lake Erie.

“There is more to it than saying we're just going to pump phosphates,” Cornwell said. “You may have to make other adjustments.”



A man crosses a bridge over the Flint River near the Hamilton Dam in downtown Flint on Thursday, Oct. 8, 2015. Flint has been getting its drinking water from the river since last year. *(Photo: Ryan Garza, Detroit Free Press)*

Flint River water a challenge to clean up

Flint River water was always going to pose more treatment challenges than the cold, clear water that comes from the bottom of Lake Huron, experts said.

The river has been marked by decades of industrial pollution. Its tributaries channel farmland run-off into it and its temperature varies by season. Warmer water can promote bacteria growth. All of those factors make treating it to drinking-water standards more difficult.

"The city was doing the best it could" to clean up pollutants, Edwards said, but added that corrosivity was inevitable.

He blamed the problems on a lack of expertise rather than intentional wrongdoing.

"I think it started relatively innocently. They didn't understand testing and they didn't understand corrosivity," he said.

Last month, Edwards' research group released results of corrosion tests it conducted on Flint's water. For the test, researchers used copper pipe with lead solder, which is common in older homes.

The tests showed Flint River water without added phosphates corroded the lead at 19 times the rate of Detroit water. Even when phosphates were added, it corroded at 16 times the rate of the Detroit water.

"From the second it was switched, it was doomed from the lead problem," Edwards said.

When residents began complaining about the water, the city and state should have begun to rethink their testing, Edwards said.

Problems were evident soon after the switch.

In August last year, E. coli was found in the water and residents were urged to boil it before drinking it. The city treated it with disinfectant, but that produced by-products in the water known as trihalomethanes. Long-term exposure to them can cause cancer, so the city began making treatment adjustments.

Then as summer turned to fall, workers at Flint's GM engine plant began seeing rust on newly machined engine parts. GM's lab tests found high levels of chloride in the water used to wash down metal shavings and cool parts heated from the rapid machining action inside the plant, GM spokesman Tom Wickham said.

GM tried to treat the water in the plant. It had drinking water delivered and tankers brought water for operations, Wickham said.

But it eventually sought to connect to Flint Township's water system, which is supplied by Detroit.
In December the connection was finalized and Detroit water began flowing to the plant, via Flint Township.

In January 2015, lead was showing up at the University of Michigan's Flint campus. School leaders become concerned about the water supply after the city issued "boil water" advisories to kill E. coli and realized they'd never done routine, thorough water testing.

Tests in January and February showed elevated levels of lead and other problems in isolated areas —specifically in two infrequently used drinking fountains in two older buildings.

Follow-up testing found other elevated levels of lead, and those sinks and fountains then were either fitted with filters or removed, said Mike Lane, director of the environment, health and safety department

He said officials suspected the problem was in their pipes but notified the city anyway.

In June, Miguel Del Toral of the Environmental Protection Agency drafted an internal memo noting the problems Flint had experienced with E. coli and the by-products of the chemicals used to treat it.

"A major concern from a public health standpoint is lack of corrosion control treatment in the city of Flint for mitigating lead and copper levels in the drinking water," Del Toral wrote.

The memo caused a stir when the American Civil Liberties Union exposed it. But the EPA told the Free Press on Friday that the memo was a draft that was never delivered to MDEQ officials, including Smith, whose names appear on it.

The EPA did say it discussed the concerns raised in the memo with MDEQ officials in July, but the agency did not respond immediately to a request for details.

Leaching lead not unique to Flint

The problem of lead leaching into drinking water isn't unique to Flint. Across Michigan and around the country, pipes that carry water from the mains under the street into homes, businesses and schools often contain lead. Inside homes and business, many older plumbing fixtures and soldered pipes also contain it.

Cornwell said officials from across the nation have formed a working group to review the lead and copper rules and look for ways to improve them. Among the things being considered is a national effort to remove lead pipes from water systems.

But even if a national consensus formed around that idea, the process would take years, Cornwell said. A funding source for such a massive project also would be needed.

Still, he said, removing the pipes is the only surefire way to eliminate lead from the system.

"We can only do so much with water chemistry," he said. "We can only turn the knob so much."

Contact John Wisely: 313-222-6825 or jwisely@freepress.com

Contact Robin Erb: 313-222-2708 or rerb@freepress.com.

TIME LINE

April 16, 2013: Flint signs agreement to join the Karegnondi Water Authority.

April 17, 2013: Detroit terminates contract with Flint, giving it one year to find a new water source.

April 24, 2014: Flint switches from Detroit water to Flint River water.

April 30, 2014: Flint closes all valves connecting to Detroit water supply.

June-Sept. 2014: Flint residents complain about smell, taste and discoloration of water.

Dec. 16, 2014: Michigan Department of Environment Quality cites Flint for exceeding limits on disinfection by-products.

Dec. 27, 2014: Flint's General Motors engine plant, citing high chloride levels in the water, switches off its hook-up to Flint, drawing water instead from neighboring Flint Township.

Jan. 9, 2015: Concerned about Flint's water warnings, University of Michigan's Flint campus begins testing its water, detecting lead in isolated,

infrequently used areas.

June 24, 2015: Environmental Protection Agency drafts a report raising concerns about lead in Flint's water system as a result of corrosion. It doesn't send the report, but discusses its concerns with MDEQ officials in July.

Sept. 24, 2015: Dr. Mona Hanna-Attisha releases data showing spike in blood-lead levels in Flint children.

Oct. 2, 2015: State officials tell room packed with reporters that there's a problem with Flint's water.

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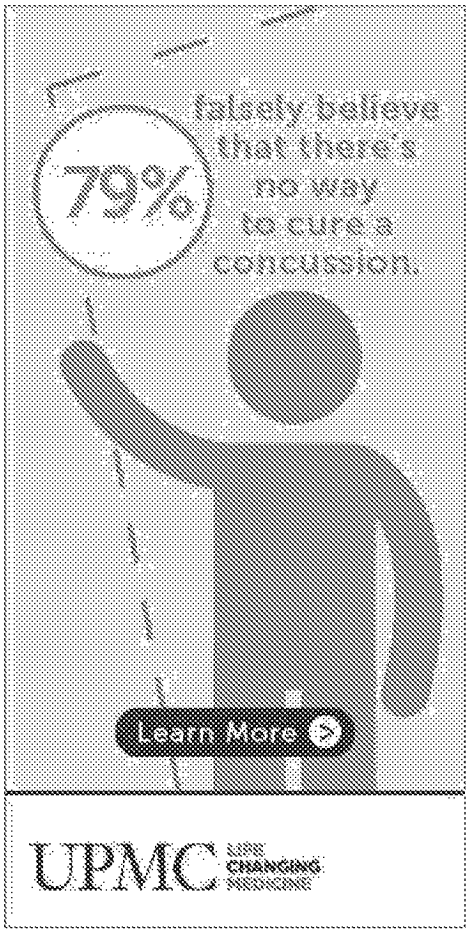

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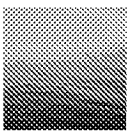

MSU researchers studying algae on Torch Lake

(/story/news/local/michigan/2015/10/12/michigan-state-researchers-studying-algae-on-torch-lake/73803582/)

(/story/news/local/michigan/2015/10/12/michigan-state-researchers-studying-algae-on-torch-lake/73803582/)

Oct. 12, 2015, 6:43 a.m.

Gun laws across U.S. at issue in case before high court

(/story/news/nation/2015/10/12/gun-laws-across-us-balance-supreme-court-considers-chicago-case/73794388/)

(/story/news/nation/2015/10/12/gun-laws-across-us-balance-supreme-court-considers-chicago-case/73794388/)

Oct. 12, 2015, 12:06 a.m.

Flint doctor makes state tell lead truth

(/story/news/local/michigan/2015/10/10/hanna-attisha-profile/73600120/)

(/story/news/local/michigan/2015/10/10/hanna-attisha-profile/73600120/)

Oct. 11, 2015, 10 p.m.

From: Wyant, Dan (DEQ)
Sent: Monday, October 12, 2015 1:56 PM
Subject: FW: Filter distribution data

From: Lasher, Geralyn (DHHS)
Sent: Friday, October 09, 2015 5:44 PM
To: Wyant, Dan (DEQ); Lyon, Nick (DHHS); Grijalva, Nancy (DHHS); Wurfel, Brad (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hertel, Elizabeth (DHHS)
Subject: Filter distribution data

MDHHS purchased total water filter distribution 10/6-10/9 = 7,731

Tuesday
4,588 filters were distributed through MDHHS offices, GCCARD the local Community Action Agency, Flint Housing Commission, Early Head Start, Mott Park Neighborhood Association and Commissioners.

Wednesday
1,438 filters were distributed through MDHHS offices and GCCARD.

GCCARD is coordinating filter installations for seniors and home bound individuals. The UAW pipe fitters are donating in kind services of $20,000 for this installation. United Way has given filters to homeless shelters and any undocumented immigrants that have come to the Center. Filters were delivered to several senior housing complexes for maintenance to install.

Thursday
1046 filters were distributed through MDHHS offices and GCCARD.

MDHHS is also working to inform licensed non-school based daycares on where to get water filters.

Friday
635 Filters were distributed through MDHHS offices and GCCARD. **24** water pitchers were distributed as well

City of Flint Water
Action Steps for Week of October 12-16

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Identify schools and prioritize for assessment	GCISD, GCHD, DEQ, DHHS, and Flint	Steve Busch	
2.	Get DLARA plumbers organized	DEQ and DLARA	Steve Busch	
3.	Complete sampling instructions	DEQ, DHHS, and EPA	Pat Cook	
4.	MDARD information for restaurants	MDARD, DHHS, and DEQ	Dana DeBruyn	
5.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	
6.	Approve Flint plan for water line	DEQ, Flint, and Genesee County	Mike Prysby	
7.	Lead education plan for schools for drinking water	DHHS and DEQ	Liane Shekter Smith	
8.	Begin regular meetings with Flint	DEQ and Flint	George Krisztian	
9.	Schedule Water Treatment Plant tour	DEQ and Flint	George Krisztian	
10.	Meet with schools and DLARA – invitation only	DEQ, DLARA, and Flint schools	Karen Tommasulo	
11.	Update DEQ Web page	DEQ	Karen Tommasulo	
12.	Contact DHHS to see where they are with United Way regarding emergency declaration	DEQ and DHHS	George Krisztian	
13.	Circulate protocol draft with EPA	DEQ and EPA	Liane Shekter Smith	
14.	Contact city about homeowner sample delivery	DEQ and Flint	George Krisztian	
15.	Communicate to MDARD and Flint that business samples should be coordinated though DEQ laboratory	DEQ, MDARD, and Flint	Liane Shekter Smith George Krisztian	Liane to call MDARD and George to call Flint

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Figure out number of samples from schools and child care facilities	DEQ	Liane Shekter Smith Pat Cook Steve Busch	
17.	Confirm Linda Dykema is Point of Contact for DHHS	DEQ	George Krisztian	Done
18.	Contact KWA to find out if there are any bottlenecks we need to remove	DEQ and KWA	Mike Prysby	
19.	Expedite 399 Plan and Phosphate Plan	DEQ and Flint	Mike Prysby	
20.	Get update on service line index card conversion and identify where partial replacements exist	DEQ and Flint	Steve Busch	
21.	Make sure DHHS gets information so they can cross reference	DEQ and DHHS	Steve Busch	
22.	Legislative contacts	DEQ	Maggie Pallone	Conference call with Sen. Jim Ananich scheduled for October 12 at 3 pm
23.	Legislative time line and summary	DEQ	Maggie Pallone	
24.	Reconnect with State Superintendent Brian Whiston	DEQ and Department of Education	Dan Wyant	Call scheduled for October 12 at 4:30 pm
25.	Conduct After Action Plan	DEQ	George Krisztian	To be scheduled for October 15
26.	Change Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone Liane Shekter Smith Sonya Butler	

From:	Wyant, Dan (DEQ)
Sent:	Tuesday, October 13, 2015 2:34 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV)
Subject:	2015-10-13 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-13 Action Steps Week of October 12-16.pdf; 2015-10-13 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 12-16

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1.	Identify schools and prioritize for assessment	GCISD, GCHD, DEQ, DHHS, and Flint	Steve Busch	Done 10/13/15
2.	Get DLARA plumbers organized	DEQ and DLARA	Steve Busch	
3.	Complete sampling instructions	DEQ, DHHS, and EPA	Pat Cook	
4.	MDARD information for restaurants	MDARD, DHHS, and DEQ	Dana DeBruyn	
5.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	
6.	Approve Flint plan for water line	DEQ, Flint, and Genesee County	Mike Prysby	Chlorination/disinfection of 72-inch main begun
7.	Lead education plan for schools for drinking water	DHHS and DEQ	Liane Shekter Smith	
8.	Begin regular meetings with Flint	DEQ and Flint	George Krisztian	Request made on 10/12/15; waiting for response
9.	Schedule Water Treatment Plant tour	DEQ and Flint	George Krisztian	Request made on 10/12/15; waiting for response
10.	Meet with schools and DLARA – invitation only	DEQ, DLARA, and Flint schools	Karen Tommasulo	
11.	Update DEQ Web page	DEQ	Karen Tommasulo	Done 10/12/15
12.	Contact DHHS to see where they are with United Way regarding emergency declaration	DEQ and DHHS	George Krisztian	Request made on morning of 10/13/15
13.	Circulate protocol draft with EPA	DEQ and EPA	Liane Shekter Smith	
14.	Contact city about homeowner sample delivery	DEQ and Flint	George Krisztian	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
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20.	Get update on service line index card conversion and identify where partial replacements exist	DEQ and Flint	Steve Busch	
21.	Make sure DHHS gets information so they can cross reference	DEQ and DHHS	Steve Busch	
22.	Legislative contacts	DEQ	Maggie Pallone	Conference call with Sen. Jim Ananich conducted on 10/12/15
23.	Legislative time line and summary	DEQ	Maggie Pallone	
24.	Reconnect with State Superintendent Brian Whiston	DEQ and Department of Education	Dan Wyant	Conference call conducted on 10/12/15
25.	Conduct After Action Plan	DEQ	George Krisztian	To be scheduled for 10/15/15
26.	Change Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone Liane Shekter Smith Sonya Butler	

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

Coordinating Efforts Meeting on October 12, 2015

DEQ, DHHS, and DLARA met to discuss coordinating efforts for the Flint Action Plan. Issues discussed were:

- Flint is in the process of prioritizing schools for lead and copper testing. Should have list by COB October 14, 2015.

- Flint is sending out 3rd quarter reports incorporating input from the Technical Advisory Committee.

- Weekly meetings are being set up with agency points of contact from DEQ, DHHS, and DLARA. These contacts are:

  George Krisztian (DEQ)
  Linda Dykema (DHHS)
  Shelly Edgerton (DLARA)

- DEQ is in the process of setting up weekly meetings with Mayor Dayne Walling. DHHS and DLARA will name representatives for these meetings. The initial meetings will be face-to-face, and then the use of conference calls will be evaluated later.

- DEQ is setting up a tour of the Flint Water Treatment Plant. Representatives from DHHS and DLARA will be included.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI
October 13, 2015

From:	Thelen, Mary Beth (DEQ)
Sent:	Thursday, October 15, 2015 1:51 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Dickinson, Sarah (GOV); Wyant, Dan (DEQ)
Subject:	2015-10-15 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE
Attachments:	2015-10-15 Action Steps Week of October 12-16.pdf; 2015-10-15 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 12-16

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Identify schools and prioritize for assessment	GCISD, GCHD, DEQ, DHHS, and Flint	Steve Busch	Completed
2.	Get DLARA plumbers organized	DEQ and DLARA	Steve Busch	DLARA inspectors are ready
3.	Complete sampling instructions	DEQ, DHHS, and EPA	Pat Cook	Incorporating comments from partners
4.	MDARD information for restaurants	MDARD, DHHS, and DEQ	Dana DeBruyn	Completed; document in review process for Web site
5.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	
6.	Approve Flint plan for water line	DEQ, Flint, and Genesee County	Mike Prysby	1st sample set results were not detected; 2nd sample set results are pending; determination of flush water disposal pending by Flint
7.	Lead education plan for schools for drinking water	DHHS and DEQ	Liane Shekter Smith	DEQ working with DHHS to determine who will be the lead
8.	Begin regular meetings with Flint	DEQ and Flint	George Krisztian	Meeting confirmed and scheduled for 10/16/15

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
9.	Schedule Flint Water Treatment Plant tour	DEQ and Flint	George Krisztian	Tour tentatively scheduled for 10/16/15; waiting on confirmation
10.	Meet with schools and DLARA – invitation only	DEQ, DLARA, and Flint schools	Karen Tommasulo	
11.	Update DEQ Web page	DEQ	Karen Tommasulo	Done 10/12/15
12.	Contact DHHS to see where they are with United Way regarding emergency declaration	DEQ and DHHS	George Krisztian	Completed; DHHS to notify DEQ if status changes
13.	Circulate protocol draft with EPA	DEQ and EPA	Liane Shekter Smith	Initial draft completed; comments received from EPA
14.	Contact city about homeowner sample delivery	DEQ and Flint	George Krisztian	
15.	Communicate to MDARD and Flint that business samples should be coordinated though DEQ laboratory	DEQ, MDARD, and Flint	Liane Shekter Smith George Krisztian	Liane to call MDARD and George to call Flint
16.	Figure out number of samples from schools and child care facilities	DEQ	Liane Shekter Smith Pat Cook Steve Busch	
17.	Confirm Linda Dykema is Point of Contact for DHHS	DEQ	George Krisztian	Done
18.	Contact Karegnondi Water Authority (KWA) to find out if there are any bottlenecks we need to remove	DEQ and KWA	Mike Prysby	Bottlenecks identified with Lapeer County Road Commission
19.	Expedite 399 Plan and Phosphate Plan	DEQ and Flint	Mike Prysby	Corrosion control optimization studies in process

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
20.	Get update on service line index card conversion and identify where partial replacements exist	DEQ and Flint	Steve Busch	
21.	Make sure DHHS gets information so they can cross reference	DEQ and DHHS	Steve Busch	
22.	Legislative contacts	DEQ	Maggie Pallone	Supplemental appropriations bill (HB 4102) passed in the House 105-0 (10/14/15) and the Senate 37-0 (10/15/15)
23.	Legislative time line and summary	DEQ	Maggie Pallone	Provided backgrounder and time line to legislators on 10/13/15
24.	Reconnect with State Superintendent Brian Whiston	DEQ and Department of Education	Dan Wyant	Conference call conducted on 10/12/15
25.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting to be scheduled for week of 10/19/15
26.	Change Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone Liane Shekter Smith Sonya Butler	

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Supplemental appropriations bill (House Bill 4102) passed in the House 105-0 on October 14 and in the Senate 37-0 on October 15.

- E-mail sent to DLARA with draft sampling ID protocol.

- E-mail drafted with request for schools to prepare documents/information ahead of DLARA visit and on-site assessment. Waiting for comments.

- MDARD incorporated input from DEQ for the guidance document to restaurants. The final version is being reviewed for inclusion on the Web site.

- The pipeline was flushed, and the 1st round of samples for bacteriological analysis collected yesterday (4:00 a.m. at mid-point and 7:30 a.m. at CS #3 – Flint Water Treatment Plant) were non-detect for total coliform.

- The 2nd round of samples were collected yesterday evening at mid-point (Genesee County) and late last night at CS #3 (Flint). Results will be available later this evening and read first thing tomorrow morning. If the 2nd set of samples is all clear, the pipeline will be ready to be placed into service (from a technical standpoint). The pipeline, however, will not be placed into service until Flint, Genesee County, and Detroit agree on and establish a service contract.

- The Dort Reservoir will not be placed into service (this facility can be bypassed) until Flint determines what to do with the 6 million gallons of water (chlorinated at approximately 100 parts per million). What they thought was a connection to the sanitary sewer was discovered yesterday to be a connection to the storm sewer.

- The first weekly meeting with the city of Flint has been scheduled for October 16. Attendees will include: Natasha Henderson (city of Flint), George Krisztian (DEQ), Shelly Edgerton (DLARA), Linda Dykema (DHHS), and Dr. Eden Wells (DHHS).

- A tour of the Flint Water Treatment Plant has been requested and tentatively scheduled for October 16. We are waiting for confirmation from city of Flint officials. Due to potential scheduling conflicts, this may be rescheduled for the week of October 19.

- The initial draft of the sampling protocol has been submitted to EPA, and comments have been received.

- Potential bottlenecks have been identified regarding load restrictions. Further discussions with the Lapeer County Road Commission will be necessary to identify potential accommodations.

Additional action:

Outreach was made to the Genesee County Health Department (GCHD) to ask for assistance with the sampling of Flint schools. The GCHD has expressed some reservations, and further communication will take place to strengthen the partnership.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI
October 15, 2015

From: Thelen, Mary Beth (DEQ)
Sent: Thursday, October 15, 2015 1:56 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc: Wyant, Dan (DEQ); Dickinson, Sarah (GOV)
Subject: 2015-10-15 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: 2015-10-15 Action Steps Week of October 12-16.pdf; 2015-10-15 Flint Drinking Water Action Plan Update.pdf

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Director

City of Flint Water
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Flint Drinking Water Action Plan Update

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Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
October 15, 2015

From: Baird, Richard (GOV)
Sent: Monday, October 19, 2015 10:39 AM
To: 'Ken Sikkema'; 'chris@environmentalcouncil.org'; 'mattdav@med.umich.edu'; erothste@grg-ltd.com
Cc: Emmitt, Beth (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); VanSickle, Michele (GOV)
Subject: After Action Panel Meeting with Governor Snyder

Gentlemen:

Thank you for agreeing to serve on this special group to assess the Flint water situation and develop recommendations so that this situation does not recur. Governor Snyder would like to meet with you all at his office in Lansing (2nd Floor Romney, 111 S. Capitol Ave.) from 10am to 11am on Wednesday, October 21st. I have cc'd Beth Emmitt, Head of Scheduling who is holding the time pursuant to your confirmation. It would be our intent to announce the formation of this group Wednesday afternoon or Thursday latest.

Regards,

Rich

From: Baird, Richard (GOV)
Sent: Monday, October 19, 2015 10:45 AM
To: Chris Kolb; Eric Rothstein; 'mattdav@med.umich.edu'; 'Ken Sikkema'
Cc: VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder CORRECTION

I apologize. The time would be 9am to 10am.

Sent from my Verizon Wireless 4G LTE DROID
On Oct 19, 2015 10:38 AM, "Baird, Richard (GOV)" <bairdr@michigan.gov> wrote:
Gentlemen:

Thank you for agreeing to serve on this special group to assess the Flint water situation and develop recommendations so that this situation does not recur. Governor Snyder would like to meet with you all at his office in Lansing (2nd Floor Romney, 111 S. Capitol Ave.) from 10am to 11am on Wednesday, October 21st. I have cc'd Beth Emmitt, Head of Scheduling who is holding the time pursuant to your confirmation. It would be our intent to announce the formation of this group Wednesday afternoon or Thursday latest.

Regards,

Rich

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Monday, October 19, 2015 10:49 AM
To: Baird, Richard (GOV)
Cc: chris@environmentalcouncil.org; mattdav@med.umich.edu; erothste@grg-ltd.com; Emmitt, Beth (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); VanSickle, Michele (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder

Rich:

I can do 10am Wed, Oct 21...

Ken Sikkema

On Mon, Oct 19, 2015 at 10:38 AM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Gentlemen:

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Regards,

Rich

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants

[redacted]
ksikkema@pscinc.com

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Monday, October 19, 2015 10:53 AM
To: Baird, Richard (GOV)
Cc: Chris Kolb; Eric Rothstein; mattdav@med.umich.edu; VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder CORRECTION

ok...9am Wed, Oct 21...

Ken Sikkema

On Mon, Oct 19, 2015 at 10:44 AM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:
I apologize. The time would be 9am to 10am.

Sent from my Verizon Wireless 4G LTE DROID
On Oct 19, 2015 10:38 AM, "Baird, Richard (GOV)" <bairdr@michigan.gov> wrote:
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Regards,

Rich

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: PPI
ksikkema@pscinc.com

From: Eric Rothstein <erothste@grg-ltd.com>
Sent: Monday, October 19, 2015 10:57 AM
To: Baird, Richard (GOV)
Cc: Chris Kolb; mattdav@med.umich.edu; Ken Sikkema; VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder CORRECTION

I'll make any time work.

Sent from my iPhone

> On Oct 19, 2015, at 10:45 AM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:
>
> I apologize. The time would be 9am to 10am.
>
> Sent from my Verizon Wireless 4G LTE DROID On Oct 19, 2015 10:38 AM,
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>
> Regards,
>
> Rich
>
>

From: Chris Kolb <chris@environmentalcouncil.org>
Sent: Monday, October 19, 2015 11:53 AM
To: Baird, Richard (GOV)
Cc: Eric Rothstein; mattdav@med.umich.edu; Ken Sikkema; VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder CORRECTION

I'll be there!

Thanks
Chris

Sent from my iPhone

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>
> Regards,
>
> Rich
>
>

From: Davis, Matthew (Matt) <mattdav@med.umich.edu>
Sent: Monday, October 19, 2015 12:37 PM
To: Baird, Richard (GOV); Chris Kolb; Eric Rothstein; 'Ken Sikkema'
Cc: VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: RE: After Action Panel Meeting with Governor Snyder CORRECTION

I will be there - thanks

Matt

-----Original Message-----
From: Baird, Richard (GOV) [mailto:bairdr@michigan.gov]
Sent: Monday, October 19, 2015 10:45 AM
To: Chris Kolb; Eric Rothstein; Davis, Matthew (Matt); 'Ken Sikkema'
Cc: VanSickle, Michele (GOV); Emmitt, Beth (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Re: After Action Panel Meeting with Governor Snyder CORRECTION

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Regards,

Rich

****
Electronic Mail is not secure, may not be read every day, and should not be used for urgent or sensitive issues

From:	Thelen, Mary Beth (DEQ)
Sent:	Tuesday, October 20, 2015 2:18 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Dickinson, Sarah (GOV); Wyant, Dan (DEQ)
Subject:	2015-10-20 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-20 Action Steps Week of October 19-23.pdf; 2015-10-20 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 19-23, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 19-23

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	
2.	Schedule Flint Water Treatment Plant tour	DEQ and Flint	George Krisztian	To be scheduled for week of 10/19/15; waiting on confirmation from Flint
3.	Figure out number of samples from schools and child care facilities	DEQ	Jim Sygo Pat Cook Steve Busch	1,300 samples (13 schools and 100 samples per school)
4.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting to be scheduled for week of 10/19/15
5.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
6.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	
7.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
8.	$1 million for DEQ Laboratory billing code	DEQ	Maggie Pallone George Krisztian	
9.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
10.	Develop letter to schools	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	
11.	Finalize sampling protocol	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Revised draft sampling protocol shared with DLARA, DHHS, EPA, and Genesee County Health Department on 10/19/15 for comment
12.	Confirm school sampling logistics	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	
13.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	
14.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
15.	ODWMA staff observe a DLARA plumbing assessment	DEQ and DLARA	Steve Busch Pat Cook Mike Prysby	Scheduled for 10/21/15
16.	Develop sample form and chain of custody document	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
17.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Initial comments by EPA received on 10/19/15; further discussions to take place
18.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	
19.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
20.	Provide city of Flint updated monitoring schedule based on Detroit Water and Sewerage Department (DWSD)/Great Lakes Water Authority (GLWA) service	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
21.	Contact city of Flint and Genesee County Health Department daily for DWSD connection status updates	DEQ, Flint, and Genesee County Health Department	Jim Sygo Steve Busch Pat Cook Mike Prysby	Switch to DWSD completed on 10/16/15; city of Flint will let DEQ know if they run into any unforeseen issues
22.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	
23.	Verify city of Flint distribution operations under DWSD/GLWA service	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
24.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
25.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
26.	Develop childcare facility guidance or review DHHS related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- On October 16 DEQ staff calculated an estimate for the number of samples that we expect to take per school. During our October 16 meeting with Flint Community Schools representatives, they supported our assumptions. Based on this, we estimate that if we collect 3 samples at each drinking water/cooking tap at each school, we can expect to collect approximately 100 samples per school (13 schools = 1,300 samples). This number is only for the first 13 locations that were identified in the preliminary investigation. A more comprehensive determination of the total number of facilities will be made after the initial pilot of 3 schools is complete.

- Draft language changes for Part 54 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, have been submitted to Maggie Pallone for review before final submission.

- The revised draft sampling protocol was shared with DLARA, DHHS, EPA, and Genesee County Health Department on October 19 for comment.

- DEQ's Office of Drinking Water and Municipal Assistance staff is scheduled to observe DLARA staff conducting a plumbing assessment on October 21.

- Initial comments by EPA regarding Flint's proposed corrosion control treatment plan were received on October 19. EPA's comments in their entirety are included as an attachment. DEQ staff has been instructed to contact EPA on October 20 to get clarification of some of the comments.

- On October 19 George Krisztian contacted Howard Croft, Public Works Director, city of Flint, to find out how the transition to Detroit Water and Sewerage Department (DWSD) was going. Mr. Croft indicated that Flint switched over in a controlled manner so as to minimize disruptions in the infrastructure. He said that the transition went very smoothly and that Flint is on DWSD water 100 percent. Mr. Croft also indicated that they would be doing testing throughout the distribution system and they would be focusing on hardness levels to determine the extent to which the DWSD water had made it through the system. He anticipated that it would be a full week before there was a complete turnover of the source water.

Attachment

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: Not Responsive
October 20, 2015

From: Lytle, Darren [mailto:Lytle.Darren@epa.gov]
Sent: Monday, October 19, 2015 12:05 PM
To: Prysby, Mike (DEQ)
Cc: Schock, Michael; Kempic, Jeffrey; Busch, Stephen (DEQ)
Subject: RE: Flint WTP PH2 SEG4 - Corrosion Control

Mike,

Thank-you for giving us the opportunity to review the city of Flint's corrosion control plan.

We believe it is necessary that Flint boosts orthophosphate dosage. Given that the distribution system has not received orthophosphate in over a year, we expect that orthophosphate will need to be boosted to 1) meet the demand of the distribution system, 2) reach the service lines and other lead-containing components in premise plumbing, and 3) accelerate lead reduction at the consumer's taps. Orthophosphate should preferably be added in the same form as the Detroit source which is phosphoric acid from our understanding. This is the proposed case here, however, a simple test should be performed to make sure that the pH is not impacted in a significant way at the desired target dose.

We have not been able to obtain comprehensive water quality data for the finished water characteristics of the Detroit water that will be fed to Flint, to assess ranges of major chemical characteristic fluctuations. However, based upon the email trail, Detroit water entering the Flint system appears to only contain around 0.4 PO4/L. This concentration range is entirely too low compared to that needed in studies presented and published in the last 20+ years that have focused on lead released directly from lead pipes, and the solubility of the most likely lead orthophosphate pipes scales. We also strongly feel that targeted dose of 0.8 mg PO4/L is also too low, for the very same reason. We would be glad to share with you numerous standard corrosion control and treatment reference works, best practices guides and published results from US and international lead corrosion control field and pilot studies. Secondly, the basis for that target (other communities using Lake Huron source use the same dose) is not scientifically derived nor does it consider water quality and the current state of Flint's distribution system. We have reviewed the original Detroit corrosion study and have seen some of the LCR monitoring data, and besides the fact that it did not directly pertain to this water source, few dosages were tested in the cited 1994 pipe loop study, and the higher dosage than the one implemented in the field currently was more effective. Based on the limited amount of data on the quality of Detroit water, what we know about the history of Detroit corrosion control, we think an orthophosphate residual of 3 to 4 mg PO4/L should be the minimum starting test target residual for pipe passivation. It is likely that, at least initially a higher dosage will be necessary to reach the far ends of the distribution system and sufficiently reduce lead solubility and release from all lead sources. To allow flexibility, we feel the design of the chemical feed and storage systems should be able to consistently deliver a maximum dose of 5 to 6 mg PO4/L, if substantial orthophosphate loss is observed, if the starting dose is set for the desired residual level of 3 to 4 mg/L as PO4. We suggest that jar tests be performed in advance of orthophosphate addition to Detroit water to evaluate the impact of orthophosphate dose on turbidity that could result from interactions between orthophosphate and background Detroit water quality parameters (e.g., aluminum, calcium, etc.).

We want to stress that immediately shifting to Detroit water and adding orthophosphate will not necessarily translate to immediate improvements. Furthermore, this is a change, albeit a return to past conditions. Nonetheless, a period of system upset should be anticipated. The need for a communication strategy and a distribution system plan are critical.

Lastly, we see no mention of a water quality monitoring program. Two programs need to be put in place immediately (before return to Detroit water) to 1) identify lead sources, 2) assess treatment effectiveness against lead release from all of the simultaneously operating mechanisms (solubility, particulate release, galvanic corrosion), and 3) assess orthophosphate levels and stability of water quality in the distribution system.

There are multiple sources of lead in the Flint distribution system to the consumers' taps, such as: pipes; leaded brass; leaded solder; accumulations on old galvanized steel pipes; possibly accumulated on copper or some plastic pipes. It is critical that the fate of orthophosphate in the distribution system is understood, and how effective it is against each type of lead source, so dosing adjustment can be properly made. For this purpose, we recommend that a number of residences throughout Flint that meet the following plumbing criteria, be identified for an assessment of the contribution lead from the different potential service line and interior plumbing sources, through detailed mapping of plumbing materials, lengths, sizes, and location and type of inline devices and faucets using profile sampling. For confidence in interpretation, probably at least 5 sites from each of the configurations will be necessary. The configurations we would estimate to be most important (but should be changed or added to if local construction practice indicates it's necessary): Lead service line, galvanized steel interior plumbing; lead service line, copper with leaded solder joints; lead service line, plastic interior plumbing. It is also possible that interior plumbing may differ from the material used for the customer-side service line segment. We would be glad to discuss the specifics of this sampling effort.
For the purpose of assessing stability of water quality in the distribution system and to inform on orthophosphate residual adjustment, we suggest that 8 to 10 locations in the distribution system be selected to measure pH, alkalinity, orthophosphate, turbidity and iron on a weekly basis. These could be collected from TCR sampling locations, or other readily-accessible buildings, should be located at a distribution of locations in the distribution system and should be collected after a flush sufficiently long to assure that "fresh" distribution system water is being measured. Research has shown that over time, orthophosphate can reduce disinfectant demand associated with corroding metallic distribution system materials. These measurements need to be performed in the field and can simply be done with a portable HACH test kit or spectrophotometer.

A lead sampling plan needs to be in place to access the effectiveness of water change and treatment boost. LCR monitoring sites with confirmed lead service lines can be in the sampling pool. Sampling should consist of a 1 liter first draw sample (LCR sample without 5 minute pre-flush), followed by an additional flushed sample or two depending on profile sample results which is intended to capture major lead source(s). The specific details of this effort need to be worked out by the technical committee as soon as possible. We would gladly work with Flint on establishing a water sampling program to identity and verify lead service line sites. The plan and initial sampling effort should be performed before the switch so that one baseline sample set is collected.

Lastly, our strength does not fall under full-scale pump and chemical feed delivery systems. We would only say that the systems need to be scaled-up in size to accommodate our suggested dosing needs. Also, there is the some discussion about diverting water to the Dort reservoir and an associated orthophosphate feed system. We are not familiar with the reservoir but are wondering if it is an open reservoir?

Of course this is a lot of information to share and we would gladly be available to discuss the technical and scientific basis for our suggestions.
Let us know if you have any questions and thanks again,

Darren and Mike

Darren A. Lytle, Ph.D., P.E.
Branch Chief (Acting)
U.S. Environmental Protection Agency
26 West Martin Luther King Dr.
Cincinnati, Ohio 45268
Phone: (513) 569-7432
Fax: (513) 487-2543
email: lytle.darren@epa.gov

From:	Wyant, Dan (DEQ)
Sent:	Wednesday, October 21, 2015 2:32 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV)
Subject:	2015-10-21 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-21 Action Steps Week of October 19-23.pdf; 2015-10-21 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 19-23, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 19-23

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	This Action Step has been incorporated as part of the After Action Plan (Action Step #4)
2.	Schedule Flint Water Treatment Plant tour	DEQ and Flint	George Krisztian	Scheduled for 10/23/15 at 11:30 a.m.
3.	Figure out number of samples from schools and child care facilities	DEQ	Jim Sygo Pat Cook Steve Busch	1,300 samples (13 schools and 100 samples per school)
4.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting to be scheduled for week of 10/19/15
5.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
6.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	
7.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
8.	$1 million for DEQ Laboratory billing code	DEQ	Maggie Pallone George Krisztian	
9.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
10.	Develop letter to schools	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	This Action Step has been incorporated into Action Step #13
11.	Finalize sampling protocol	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Revised draft sampling protocol shared with DLARA, DHHS, EPA, and Genesee County Health Department on 10/19/15 for comment
12.	Confirm school sampling logistics	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	
13.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A meeting with the 10 remaining schools is tentatively scheduled for the week of 10/26/15
14.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ has contacted DHHS to schedule a meeting
15.	ODWMA staff observe a DLARA plumbing assessment	DEQ and DLARA	Steve Busch Pat Cook Mike Prysby	Initial plumbing assessment is scheduled for 10/23/15; sampling to occur on 10/24/15
16.	Develop sample form and chain of custody document	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ Laboratory has created a fillable PDF form for use in the school sampling protocol

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
17.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Conference call with EPA held on 10/20/15 to discuss comments
18.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Construction permit is in process
19.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
20.	Provide city of Flint updated monitoring schedule based on Detroit Water and Sewerage Department (DWSD)/Great Lakes Water Authority (GLWA) service	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
21.	Contact city of Flint and Genesee County Health Department daily for DWSD connection status updates	DEQ, Flint, and Genesee County Health Department	Jim Sygo Steve Busch Pat Cook Mike Prysby	Switch to DWSD completed on 10/16/15; city of Flint will let DEQ know if they run into any unforeseen issues
22.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	
23.	Verify city of Flint distribution operations under DWSD/GLWA service	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
24.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
25.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
26.	Develop childcare facility guidance or review DHHS related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ has contacted DHHS to schedule a meeting

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Action Step #1 has been incorporated into the After Action Plan (Action Step #4).

- It was determined that the information in Action Step #10 would be communicated better in person and has, therefore, been incorporated into Action Step #13.

- DEQ staff has tentatively identify the week of October 26 to meet with representatives from the remaining 10 locations in the Flint Community Schools who were not present at the October 16 meeting at the Superintendent's office.

- DEQ staff has contacted DHHS to request a meeting regarding lead education materials for schools.

- The first plumbing assessment has been scheduled for Friday, October 23. The subsequent sampling of the first facility has been scheduled for Saturday, October 24. This decision was made jointly among DEQ, DLARA, and DHHS in an effort to ensure that sampling staff could properly evaluate the sampling protocol without the added pressure of completing the sampling process before students arrived on-site.

- The DEQ Laboratory has created a fillable PDF form for use in the school sampling protocol. This form was created to streamline the information gathering process. The form was submitted for review by staff in DEQ, DHHS, and DLARA, and comments were subsequently incorporated. The form is now complete and ready for use.

- The corrosion control treatment plan (CCTP) and permit application were received late last Friday, October 16, and were reviewed. Our review comments were provided to Flint's consultant [Lockwood, Andrews & Newnam, Inc. (LAN)]. The CCTP was forwarded to EPA on October 16, and their comments were received on October 19. A conference call was held on October 20 between our staff and Darren Lytle and Michael Schock of EPA to discuss the main comments (EPA's and DEQ's) to confirm that both agencies concur with the design and proposed corrosion control dosages. We are currently preparing a revised set of comments, based on our discussion with EPA. The revised comments will be sent to EPA to confirm concurrence before sending to LAN.

- An Act 399 permit will be issued to the city of Flint to install corrosion control treatment following receipt of revised plans, specs, and – as needed – a permit application that addresses the revised review comments.

- DEQ staff has contacted DHHS to schedule a meeting to discuss the development of childcare facility guidance. This guidance will be similar in nature to what is being done in schools but will be tailored to address the specific

concerns with younger children and the smaller plumbing infrastructure of typical childcare facilities.

Additional Actions:

- Standing meetings with the city of Flint have been scheduled for Fridays at 10:00 a.m. These meetings have been scheduled through December 18. In addition, a tour of the Flint Water Treatment Plant has been scheduled for October 23. The DEQ be taking video footage of the tour, showing the coordinated efforts being taken by the city of Flint, DEQ, DHHS, and DLARA. Genesee County Health Department (GCHD) has been invited to the Friday meetings as well as the tour, and GCHD is in the process of determining if they can participate.

- A meeting was held between staff from the DEQ, DLARA, and DHHS to discuss details regarding the flow and coordination of efforts for the school sampling protocol. It was mutually agreed that it was best to only do one school at first so that we can ensure that the process runs smoothly from partner to partner. The first plumbing evaluation will be done at Freeman Elementary School on Friday, October 23. Steve Busch of the DEQ will accompany staff from DLARA to answer questions they might have during their plumbing evaluations. The subsequent water sampling effort will take place the next day, on Saturday, October 24. It was agreed that taking the samples on Saturday would allow staff to be able to evaluate the sampling process without the added pressure of ensuring that the sampling was complete before students arrived at the building.

- DEQ Director Dan Wyant, Jim Sygo, George Krisztian, and Karen Tommasulo held a conference call with Dr. Susan Hedman, EPA's Regional Administrator, and other representatives from EPA to discuss the EPA's formation of the Flint Safe Drinking Water Task Force. The purpose of the Task Force is to provide one-stop shopping for technical assistance for the optimization of corrosion controls for the switch from Detroit Water and Sewerage Department to the Karegnondi Water Authority. EPA requested a point of contact for the DEQ, and Director Wyant suggested Chief Deputy Director Jim Sygo. EPA agreed that this was an appropriate choice and requested a formal letter indicating Chief Deputy Director Sygo as the point of contact.

- DHHS has indicated that the total water filter/pitcher distribution for the period of October 6 through October 20 was 9,373 units.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI (new number)
October 21, 2015

From:	Wyant, Dan (DEQ)
Sent:	Thursday, October 22, 2015 12:39 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV)
Subject:	2015-10-22 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-22 Action Steps Week of October 19-23.pdf; 2015-10-22 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 19-23, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 19-23

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Update 2004 letter to EPA	DEQ	Dana DeBruyn	This Action Step has been incorporated as part of the After Action Plan (Action Step #4)
2.	Schedule Flint Water Treatment Plant tour	DEQ and Flint	George Krisztian	Scheduled for 10/23/15 at 11:30 a.m.
3.	Figure out number of samples from schools and child care facilities	DEQ	Jim Sygo Pat Cook Steve Busch	1,300 samples (13 schools and 100 samples per school)
4.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting scheduled for 10/22/15
5.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
6.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	Panel created and press release issued on 10/21/15
7.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
8.	$1 million for DEQ Laboratory billing code	DEQ	Maggie Pallone George Krisztian	Billing codes created on 10/21/15
9.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
10.	Develop letter to schools	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	This Action Step has been incorporated into Action Step #13
11.	Finalize sampling protocol	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Comments received from EPA's Flint Safe Drinking Water Task Force (Task Force); DEQ staff continuing to finalize protocol
12.	Confirm school sampling logistics	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Logistics have been finalized for the initial sampling scheduled for 10/24/15
13.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A meeting with the 10 remaining schools is tentatively scheduled for the week of 10/26/15
14.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ has contacted DHHS to schedule a meeting
15.	ODWMA staff observe a DLARA plumbing assessment	DEQ and DLARA	Steve Busch Pat Cook Mike Prysby	Initial plumbing assessment is scheduled for 10/23/15; sampling to occur on 10/24/15
16.	Develop sample form and chain of custody document	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ Laboratory has created a fillable PDF form for use in the school sampling protocol

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
17.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Conference call with EPA held on 10/20/15 to discuss comments
18.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Construction permit is in process
19.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ staff is reviewing and seeking clarification on comments received from EPA's Task Force
20.	Provide city of Flint updated monitoring schedule based on Detroit Water and Sewerage Department (DWSD)/Great Lakes Water Authority (GLWA) service	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
21.	Contact city of Flint and Genesee County Health Department daily for DWSD connection status updates	DEQ, Flint, and Genesee County Health Department	Jim Sygo Steve Busch Pat Cook Mike Prysby	Switch to DWSD completed on 10/16/15; city of Flint will let DEQ know if they run into any unforeseen issues
22.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Monitoring letter expected to be mailed on 10/22/15
23.	Verify city of Flint distribution operations under DWSD/GLWA service	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
24.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	
25.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
26.	Develop childcare facility guidance or review DHHS related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ has contacted DHHS to schedule a meeting

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- The initial meeting for the internal After Action Plan is scheduled for October 22. The purpose of the meeting is to define the scope of the internal review, create a detailed time line, connect all communications together to determine where communications could have been improved, and create a list of lessons learned and action steps moving forward.

- Madhu Anderson has provided information for the creation of an external After Action Review Panel. The Panel members have been selected, and a press release was issued by the Governor's office on October 21.

- The DEQ Laboratory, working in conjunction with MDOT's Accounting Services Division, has created the necessary billing codes to allow payment for the lead and copper samples from the city of Flint to be processed.

- The EPA's Flint Safe Drinking Water Task Force (Task Force) has provided comments to staff in the Office of Drinking Water and Municipal Assistance (ODWMA) on the sampling protocol. These comments are being reviewed, and ODWMA staff is continuing to finalize the protocol.

- The logistics for the initial plumbing evaluation and subsequent water sampling have been finalized among staff from DEQ, DLARA, and DHHS. The plumbing inspection is scheduled for Friday, October 23, and the water samples will be taken on Saturday, October 24.

- DEQ staff is responding to comments on the corrosion control proposal made by the EPA's Task Force. DEQ staff is following up on questions raised during the October 20 conference call.

- A monitoring schedule letter is expected to be mailed on October 22. The monitoring schedule addresses the change back to a customer supply of the Great Lakes Water Authority. A final copy of the letter will be attached to tomorrow's update.

Additional Actions:

- At the request of Representative Sheldon Neeley, George Krisztian contacted Carlita Earl, Principal of the Eagle's Nest Academy. Ms. Earl has formally requested that Eagle's Nest Academy receive a plumbing evaluation and water sampling as outlined in the newly-developed school assessment protocol. Ms. Earl was informed that she would be added to the list of schools being evaluated and that the original 13 Flint Community Schools buildings would be

evaluated first and then the DEQ/DLARA/DHHS would expand the evaluation process to charter schools, parochial schools, and other childcare facilities. Ms. Earl was informed that since the Eagle's Nest Academy serves children in grades K-4 that they would be placed at the top of the list once the evaluations of the original 13 buildings are complete.

- Director Dan Wyant, Chief Deputy Director Jim Sygo, and George Krisztian met with a group of pastors and citizens who came to Constitution Hall to voice their concerns regarding the water in Flint. The discussion lasted for approximately one hour, and the topics included a history of events, questions regarding how decisions were made, and the plan moving forward. The group indicated that they had read a great deal in the media and were interested in finding out what DEQ's perspective of the situation was. The questions were tough, but the conversation was very respectful. The group was informed that an independent group external to the DEQ would be conducting an After Action Review, and this information seemed to be well-received.

- Shelly Edgerton of DLARA spoke to Eric Swanson of DTMB, who is going to call Howard Croft, Public Works Director, city of Flint, about the GIS program that the city of Flint is trying to run. Eric will follow up with Shelly after the conversation. In addition, DLARA will be meeting again with the city of Flint.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI (new number)
October 22, 2015

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 22, 2015 4:41 PM
To: Wyant, Dan (DEQ); Scott, Allison (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc: Dickinson, Sarah (GOV)
Subject: RE: 2015-10-22 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Not Responsive

From: Wyant, Dan (DEQ)
Sent: Thursday, October 22, 2015 12:39 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>
Subject: 2015-10-22 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 19-23, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

From:	Wyant, Dan (DEQ)
Sent:	Tuesday, October 27, 2015 2:10 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject:	2015-10-27 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-27 Action Steps Week of October 26-30.pdf; 2015-10-27 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 26-30, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 26-30

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting held 10/22/15
2.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
3.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	Panel created and press release issued on 10/21/15
4.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
5.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	
6.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A meeting with the 10 remaining schools is tentatively scheduled for the week of 10/26/15
7.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting scheduled for 10/27/15
8.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Summary of Flint's corrosion control plan submitted to EPA

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
9.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Remaining items due are anticipated to be provided on 10/27/15
10.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Comments by DEQ to city of Flint have been provided
11.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues; check weekly for status update	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Issues regarding soil erosion controls during construction are being addressed
12.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Nearly 11,000 records received and waiting for review by DEQ staff
13.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
14.	Develop childcare facility guidance or review DHHS related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	DEQ has contacted DHHS to schedule a meeting
15.	Create a generic school sampling guidance document for statewide distribution; target audience: schools served by municipal water	DEQ and DLARA	Jim Sygo Steve Busch Richard Benzie	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Confirm plumbing assessment and sampling is scheduled for Brownell K-2 STEM Academy and Eisenhower Elementary School	DEQ and DLARA	Jim Sygo Steve Busch Mike Prysby	Tentatively scheduled for 10/30/15

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- A meeting has been confirmed for October 27 with DHHS to discuss all lead education material for schools.

- DEQ staff discussed with the city of Flint's consultant, Lockwood, Andrews & Newnam, Inc., the remaining items that are needed for issuance of Michigan's Safe Drinking Water Act (Act 399) construction permit. Staff anticipates receiving these items on October 27.

- DEQ staff obtained approximately 10,895 records from the city of Flint's GIS system regarding service line index cards and extracted them into a table format for additional data review. Data review has been initiated by DEQ's Lansing District Office staff.

- DLARA and DEQ staff tentatively plans to conduct plumbing assessments at Brownell K-2 STEM Academy and Eisenhower Elementary School on October 30. DLARA staff will contact the Flint Community Schools' facility administrator to confirm the date and approximate times.

Additional Actions:

- All of the 124 samples that were taken at Freeman Elementary School on Saturday, October 24, were analyzed by the DEQ Laboratory on Monday, October 26. The data is being compiled into a spreadsheet to allow an evaluation of the various sampling points. Initial indications are that there will need to be some replacement of plumbing fixtures, but issues do not seem to exist deeper into the plumbing infrastructure. Further sequential testing will be conducted at select points to verify that water is being drawn from the main.

- DEQ staff met to discuss lessons learned from the sampling event at Freeman Elementary School. A number of observations were made with respect to how to streamline the process. The group agreed to incorporate several of the observations into the sampling protocol. The protocol is being updated to reflect these changes.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
October 27, 2015

From:	Wyant, Dan (DEQ)
Sent:	Wednesday, October 28, 2015 2:36 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject:	2015-10-28 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-28 Action Steps Week of October 26-30.pdf; 2015-10-28 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 26-30, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 26-30

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting held 10/22/15
2.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
3.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	Panel created and press release issued on 10/21/15
4.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
5.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	
6.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A meeting with the 10 remaining schools is tentatively scheduled for the week of 10/26/15
7.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; action items created
8.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Summary of Flint's corrosion control plan submitted to EPA

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
9.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Additional items provided; still need 2 more items
10.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Comments by DEQ to city of Flint have been provided
11.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues; check weekly for status update	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Issues regarding soil erosion controls during construction are being addressed
12.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Cross-referencing process has begun
13.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
14.	Develop childcare facility guidance or review DHHS-related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; DHHS to provide materials
15.	Create a generic school sampling guidance document for statewide distribution; target audience: schools served by municipal water	DEQ and DLARA	Jim Sygo Steve Busch Richard Benzie	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Confirm plumbing assessment and sampling is scheduled for Brownell K-2 STEM Academy and Eisenhower Elementary School	DEQ and DLARA	Jim Sygo Steve Busch Mike Prysby	Tentatively scheduled for 10/30/15

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- DEQ staff met with DHHS staff on October 27 to discuss all lead education material for schools, and action items were created.

- On October 27 DEQ's Lansing District Office received updated dosage, pump specifications, and cut-sheets for phosphate product. A quick glance at the submittal shows most of the requested information has been provided, except for the NSF Standard 60 certification and the maximum dose. Staff will cross-reference the NSF Web site to verify proper certification and maximum dose. If acceptable, DEQ staff will proceed with issuance of the Act 399 permit. Otherwise, the city of Flint's consultant will need to provide the DEQ with the NSF Standard 60 certification and maximum dose information.

- DEQ staff has cross-referenced 46 of the 326 historical lead and copper monitoring sampling sites with the 10,895 service line index card information records available to date.

- DEQ staff met with DHHS staff to review and further develop childcare facility guidance and incorporate drinking water exposure information. Guidance is being provided by DHHS specific to the Genesee County emergency order, and separate guidance for statewide use will also be developed.

Additional Actions:

- Preliminary follow-up review of sampling event at Freeman Elementary School: DEQ and DLARA staff met and reviewed outlet/tap materials to correlate with sample results. DEQ staff contacted Jim Henry, Genesee County Health Department, to confirm the location of screening samples. The draft write-up is to be completed by DEQ staff on October 28.

- The weekly meeting between DEQ, DLARA, and DHHS was held. Discussion topics included a review of the results for Freeman Elementary School, along with a discussion of what the results meant and how the data would be presented to the Flint Community Schools Superintendent so that the information could be used to create an action plan for the school. Discussion also included working out the logistics for conducting the plumbing evaluation and subsequent sampling for the other two elementary schools that had results above the action level during the initial screen of 13 schools. Plans are in process to conduct these two plumbing evaluations on Friday, October 30, with the sampling to take place on Saturday, October 31.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
October 28, 2015

From: Wyant, Dan (DEQ)
Sent: Thursday, October 29, 2015 1:11 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc: Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject: 2015-10-29 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: 2015-10-29 Flint Drinking Water Action Plan Update.pdf; 2015-10-29 Action Steps Week of October 26-30.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 26-30, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Discussion held on October 28 with EPA's Flint Safe Drinking Water Task Force (Task Force) concerning monitoring results at Freeman Elementary School. A report that summarizes the results of the samples collected from the school for the lead analysis has been drafted.

- DEQ staff discussed the items needed for the corrosion control treatment plan. An outline of a Corrosion Treatment Operation letter has been prepared. The letter will be finalized and sent to the city of Flint. Water quality parameter monitoring and laboratory certification was also discussed with the EPA's Task Force.

- DEQ staff completed the review and verified NSF Standard 60 conformance, proper dosage, and feed pump sizing. The Act 399 permit for the installation of the phosphate feed equipment was issued on October 28.

- Coordinated with the DEQ Laboratory to create and produce the "Request for Water Analysis Forms" and the bottle order needed for sampling at Brownell K-2 STEM Academy and Eisenhower Elementary School on Saturday, October 31.

Additional Action:

DEQ Director Dan Wyant and DEQ staff met with DHHS Director Nick Lyon and DHHS staff to discuss coordination of the messaging of data related to Flint water and blood samples. It was agreed that it was important to ensure that the water and blood data are put into context with respect to each other. Discussion also involved creating a message that discusses what lead concentrations in water mean from a regulatory and from a health-based perspective. Current regulations are not in step with current health-based exposure models, so additional work needs to be done to ensure a comprehensive message that is clear.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI
October 29, 2015

City of Flint Water
Action Steps for Week of October 26-30

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Conduct After Action Plan	DEQ	George Krisztian	Initial meeting held 10/22/15
2.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
3.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	Panel created and press release issued on 10/21/15
4.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	
5.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	
6.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A summary report for Freeman Elementary School has been drafted
7.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; action items created
8.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/28/15 to discuss comments

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
9.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Act 399 permit issued 10/28/15
10.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Comments by DEQ to city of Flint have been provided
11.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues; check weekly for status update	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Issues regarding soil erosion controls during construction are being addressed
12.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Cross-referencing process has begun
13.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
14.	Develop childcare facility guidance or review DHHS-related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; DHHS to provide materials
15.	Create a generic school sampling guidance document for statewide distribution; target audience: schools served by municipal water	DEQ and DLARA	Jim Sygo Steve Busch Richard Benzie	

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Confirm plumbing assessment and sampling is scheduled for Brownell K-2 STEM Academy and Eisenhower Elementary School	DEQ and DLARA	Jim Sygo Steve Busch Mike Prysby	Sampling materials have been requested from DEQ Laboratory

From:	Wyant, Dan (DEQ)
Sent:	Friday, October 30, 2015 11:29 AM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc:	Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject:	2015-10-30 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2015-10-30 Action Steps Week of October 26-30.pdf; 2015-10-30 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. Action Steps Updated Document for the week of October 26-30, 2015
2. Flint Drinking Water Action Plan Update

Thank you.

Dan Wyant
Director

City of Flint Water
Action Steps for Week of October 26-30

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
1.	Conduct After Action Plan	DEQ	George Krisztian	Meeting held on 10/29/15 to discuss time line
2.	Introduce legislative changes to Part 54 of NREPA – Drinking Water Revolving Loan Fund	DEQ, Treasury, and EPA	Maggie Pallone George Krisztian Sonya Butler	Draft language submitted to Maggie Pallone for review
3.	After Action Review Panel	DEQ	Madhu Anderson George Krisztian Karen Tommasulo	Panel created and press release issued on 10/21/15
4.	Staff hiring plan	DEQ	Jim Sygo Maggie Pallone George Krisztian	Negotiations underway to contract with the Genesee County Health Department
5.	Finalize fiscal year 2017 budget request	DEQ	Maggie Pallone George Krisztian	
6.	Meeting(s) with school staff/management	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	A summary report for Freeman Elementary School has been drafted
7.	Meet with DHHS and discuss all lead education material for schools	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; action items created
8.	Review corrosion control treatment plan and get any EPA comments	DEQ and EPA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/28/15 to discuss comments

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
9.	Review construction permit application and issue construction permit for phosphate equipment	DEQ	Jim Sygo Steve Busch Pat Cook Mike Prysby	Act 399 permit issued 10/28/15
10.	Review Standby Operation of Flint Water Treatment Plant with city of Flint	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Comments by DEQ to city of Flint have been provided
11.	Work with Karegnondi Water Authority (KWA) and other agencies to address bottleneck issues; check weekly for status update	DEQ and KWA	Jim Sygo Steve Busch Pat Cook Mike Prysby	Issues regarding soil erosion controls during construction are being addressed
12.	Contact city of Flint for Service Line Record status update and obtain a copy of the records to date	DEQ and Flint	Jim Sygo Steve Busch Pat Cook Mike Prysby	Cross-referencing process has begun
13.	Provide DHHS with any available cross-reference information	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	
14.	Develop childcare facility guidance or review DHHS-related materials	DEQ and DHHS	Jim Sygo Steve Busch Pat Cook Mike Prysby	Meeting held on 10/27/15; DHHS to provide materials
15.	Create a generic school sampling guidance document for statewide distribution; target audience: schools served by municipal water	DEQ and DLARA	Jim Sygo Steve Busch Richard Benzie	Final draft of school sampling protocol has been written and is awaiting final review

Step No.	Action Step	Involved Parties	DEQ Point(s) of Contact	Status
16.	Confirm plumbing assessment and sampling is scheduled for Brownell K-2 STEM Academy and Eisenhower Elementary School	DEQ and DLARA	Jim Sygo Steve Busch Mike Prysby	Sampling materials have been requested from DEQ Laboratory

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

- Weekly internal After Action Plan meetings are being held. The topics of discussion for the meeting held on October 29 included a status update of the time line of events. It was agreed that a long-term comprehensive time line needed to be created, but an outline written at a higher level was needed within the next week to present to the Governor's After Action Review Panel. Additional discussion topics included an internal evaluation of the Safe Drinking Water Act, 1976 PA 399, as amended, as well as the federal lead and copper rule to determine what, if any, actions were implemented incorrectly.

- Negotiations between the Genesee County Health Department (GCHD) and the DEQ have begun to set up a contract to utilize GCHD resources to conduct sampling of schools within the Flint Community Schools as well as parochial schools, charter schools, and childcare facilities.

- The final draft of the school sampling protocol has been written and is awaiting final review. This version of the protocol incorporates comments by the EPA and will be used to sample at Eisenhower Elementary School and Brownell K-2 STEM Academy on Saturday October 31. Experiences from the sampling of Freeman Elementary School on Saturday October 24, were used to create the final draft, and experiences from Eisenhower and Brownell will be used to determine if any further changes are required.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI
October 30, 2015

From: Thelen, Mary Beth (DEQ)
Sent: Monday, November 23, 2015 3:10 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV)
Cc: Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject: 2015-11-23 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: 18-Point Partnering Plan 11-23-15.pdf; 2015-11-23 Flint Drinking Water Action Plan Update.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. 18-Point Partnering Plan
2. Flint Drinking Water Action Plan Update

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions.

Thank you.

Dan Wyant
Director

Department of Environmental Quality
18-Point Partnering Plan

1. **After Action Plan Frequently Asked Questions will be ready by noon on November 16, 2015**

   - First version complete – updated as needed

2. **School test data**

   - School reports to be expedited
   - Steve Busch creates summary reports
   - George Krisztian creates summary spreadsheets

3. **Blood exposure**

   - DHHS is lead on providing data

4. **Meeting with Mayor Karen Weaver**

   - Harvey Hollins lead – Dan Wyant, Jim Sygo, and George Krisztian to attend

5. **Messaging our Partnering Plan**

   - Provide ongoing public updates regarding Governor's 10-point plan
   - Continue emphasis on the availability of free testing for Flint residents
   - DEQ's Office of Environmental Assistance to direct the public to the Flint water Web site: www.mi.gov/flintwater

6. **Sampling Protocol**

   - Establish alignment with the U.S. Environmental Protection Agency (EPA), Region 5, on sampling protocol

7. **Lead service line replacement**

   - Expand the Revolving Loan Fund directed at lead service line replacement
   - Amy Epkey, Maggie Pallone, and Sonya Butler

8. Partner with EPA

- Dan Wyant → Susan Hedman
- Jim Sygo → Bob Kaplan
- Mike Prysby and Steve Busch → Darren Lytle and Mike Schock
- George Krisztian → Tom Burke
- DEQ's Office of Drinking Water and Municipal Assistance (ODWMA) staff → EPA, Region 5, staff (Jennifer Crooks and Tom Poy)

9. Meet with Charles Stewart Mott Foundation to discuss Lead Service Line Identification Study

10. Lead Education Program

- DHHS is the lead on Lead Education Program

11. Moving Karegnondi Water Authority (KWA) forward

- Proactive meetings with KWA

12. Participate actively with Flint Technical Advisory Council

13. Utilize Joan Rose and Michigan State University water expertise

14. Public outreach

- Flint Mayor Karen Weaver
- Genesee County Health Department
- Drs. Lawrence Reynolds, Eden Wells, and Matthew Davis
- Ministers
- Land Bank
- Legislators
- Citizens

15. Outreach to schools

- EPA guidance on testing
- Work with State Superintendent Brian Whiston
- ODWMA staff to work on literature

16. Make recommendations to EPA about Lead and Copper Rule

17. Compliance Communication letter sent on November 9, 2015

- Wait until after December 30, 2015

18. Enhance coordination with health officials regarding personal health notifications of drinking water issues

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

Key Actions:

- An 18-Point Partnering Plan was developed to guide DEQ staff on the Flint water issue. The document focuses on areas of concern and identifies key partnerships. The issues in the Partnering Plan address short-term, intermediate term, and long-terms goals. This document will be reviewed at least weekly, and actions by DEQ staff with respect to the Partnering Plan will be documented. The Partnering Plan has become a standing agenda item and a central focus for the internal action plan meetings.

- On November 20 the weekly meeting was held at Flint between DEQ staff and city of Flint officials. Mayor Karen Weaver was present at the meeting. This was Mayor Weaver's first time in attendance at the weekly meeting. After introductions were made, Mayor Weaver was given an overview of the data from the free homeowner's testing. Mayor Weaver was informed that the samples were from any Flint resident who wished to have their water tested and, as such, were not necessarily representative of the site selection criteria as specified in the lead and copper rule, but with that said, the results were encouraging. Mayor Weaver was informed that over 3/4 of the samples had results of 5 parts per billion (ppb) or less and that approximately 92 percent of the sample results were at 15 ppb or less. It was also stressed to Mayor Weaver that, although the results were encouraging, there were also pockets of concern where the lead levels in the drinking water were significantly above 15 ppb.

  There was also discussion about making sure that water sample results were kept in context. In order for an individual to be sure with respect to their exposure to lead, they should have their blood tested. Individuals with an elevated blood level (EBL) would then be encouraged to have an EBL investigation done to evaluate all potential exposure pathways. There was then discussion as to what the EBL investigation entailed and how the water testing was being incorporated into the EBL.

  The meeting ended with an invitation by the DEQ to Mayor Weaver to come tour the DEQ's Laboratory to see first-hand how samples were analyzed. Mayor Weaver indicated that she would be very interested in a tour and that a date would be set up.

Positions:

- There are no new positions to report since last week.

Concerns:

- There are no new concerns to report since last week.

Significant Events:

- A Frequently Asked Questions document was provided to the Governor's Flint Water Task Force (Task Force) on November 16. DEQ staff subsequently met with the Task Force on November 18.

Changes from Previous Report:

- DEQ staff provided comments on the final draft of the DHHS protocol for EBL investigations. The sampling protocol will utilize 14 drinking water samples that will be used to identify potential sources of exposure to lead located in the plumbing system of residential dwellings.

- DEQ staff provided comment on the draft sampling protocol that the city of Flint is proposing to use for compliance monitoring for the lead and copper rule. This document has been forwarded to staff at the U.S. Environmental Protection Agency (EPA) for additional comment.

- On November 19 DEQ staff contacted EPA staff via e-mail regarding a request by the city of Flint for guidance on a corrosion control treatment evaluation for Karegnondi Water Authority source water use at the Flint Water Treatment Plant. A meeting has been scheduled for December 11 to discuss the issue with all parties.

- DEQ and DLARA staff conducted a plumbing assessment of Neithercut Elementary School in Flint on November 20.

- DEQ and DLARA staff conducted school sampling at Neithercut Elementary School in Flint on Saturday, November 21.

- A draft report for Eisenhower Elementary School was completed and is awaiting final publishing and will then be posted to the Flint water Web site: www.mi.gov/flintwater.

- Draft reports for Brownell K-2 STEM Academy and Pierce Elementary Schools are in progress and near completion.

- DEQ staff has been in meetings with the Office of the Auditor General audit team and have provided information and documentation as requested.

Other Item:

- Attached is the 18-point Partnering Plan that will guide the efforts of the DEQ regarding the Flint water issue.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: PPI
November 23, 2015

From: Bedan, Morgan (GOV)
Sent: Monday, November 23, 2015 3:14 PM
To: Thelen, Mary Beth (DEQ); Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV)
Cc: Wyant, Dan (DEQ); Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject: RE: 2015-11-23 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Not Responsive

From: Thelen, Mary Beth (DEQ)
Sent: Monday, November 23, 2015 3:10 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>
Subject: 2015-11-23 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

1. 18-Point Partnering Plan
2. Flint Drinking Water Action Plan Update

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions.

Thank you.

Dan Wyant
Director

From: Muchmore, Dennis (GOV)
Sent: Friday, December 11, 2015 11:17 AM
To: Wyant, Dan (DEQ); Scott, Allison (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV); Baird, Richard (GOV)
Cc: Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS)
Subject: RE: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

I particularly like the explanation of a Part Per Billion and suggest that just as a postscript that this be included whenever we send out a memo on these kinds of issues that use technical explanations. It really makes it easier for a citizen to understand.

From: Wyant, Dan (DEQ)
Sent: Monday, December 7, 2015 3:34 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>
Subject: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Importance: High

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

- Flint Drinking Water Action Plan Update
- Document on What is a Part Per Billion.

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions. I have also added Richard Baird to this weekly email.

Thank you.

Dan Wyant
Director

From:	Creagh, Keith (DEQ)
Sent:	Monday, January 04, 2016 3:30 PM
To:	Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV); Baird, Richard (GOV)
Cc:	Dickinson, Sarah (GOV); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS); Creagh, Keith (DEQ); Brown, Melanie (TED); Thelen, Mary Beth (DEQ)
Subject:	2016-01-04 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments:	2016-01-04 Flint Drinking Water Action Plan Update.pdf; 2016-01-04 Home Owner Results Samples Submitted Nov 1 2015 thru December 29 2015.pdf

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

- Flint Drinking Water Action Plan Update
- Home Owner Results Samples Submitted November-December 2015

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions.

Also, I have copied Melanie Brown as she has been assigned to the DEQ as the Communications Director until further notice.

Thank you.

Keith Creagh
Director

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

Key Actions:

On December 28-29, 2015, staff from the DEQ and DLARA conducted the formal plumbing evaluation of Flint Community Schools' Northwestern High School and Southwestern Classical Academy. On December 29-30 staff from DEQ and DLARA then performed the follow-up sampling of the drinking fountains and faucets that are used for consumptive purposes at these two facilities. This completes the initial evaluation process for all 13 schools of the Flint Community Schools. Once the Flint Community Schools has had an opportunity to incorporate the recommendations in the plumbing evaluation reports, a follow-up sampling will be scheduled to ensure that all of the issues have been properly addressed.

Evaluations of the Flint Community Schools will continue to be posted to the Flint water Web site: www.mi.gov/flintwater. These reports are being shared with Flint Community Schools Superintendent Bilal Tawwab first and then posted. So far, three reports have been posted, with the remaining reports expected to be completed by the end of January 2016.

A list of schools and childcare facilities served by the Flint water system requesting a plumbing evaluation has been created. These facilities will be contacted during the first two weeks in January to schedule a free plumbing evaluation of their facilities. The protocol used will be the same one used for the Flint Community Schools. To date, there are a total of 10 facilities that have requested a plumbing evaluation. Once these 10 facilities have been scheduled, efforts will be made to reach out to additional facilities that may wish to take advantage of this free program.

Video footage was taken on December 29, 2015, of the plumbing evaluation process and the sampling protocol of the drinking fountains and faucets at Flint Community Schools' Northwestern High School and Southwestern Classical Academy. This footage is being used to create a video that provides an easy-to-understand explanation of how the plumbing evaluations and subsequent sampling is being done in the schools. The target audience for this video is primarily the residents of Flint so that they can get a visual of the efforts already underway, but it is anticipated that this video will also be used as an instructional aid for schools elsewhere in Michigan that are interested in having their facilities evaluated.

Positions:

There are no new positions to report.

Concerns:

There are no new concerns to report.

Significant Event:

On December 29, 2015, Dan Wyant resigned his position as Director of the DEQ. DNR Director Keith Creagh has been appointed Interim Director of the DEQ. Reports have been created and meetings have been scheduled to provide Director Creagh with a history of the Flint situation as well as current plans for moving forward.

Changes from Previous Report:

- The Flint water Web site has been redesigned. The old site was beginning to become cluttered and information was becoming difficult to locate. The new design provides a more user friendly interface and has a more elegant flow. It is anticipated that the redesigned Web site will go live during the week of January 4, 2016.

- The DEQ Laboratory identified a lead result as being alarmingly high. This result was conveyed to Flint Action Plan Coordinator George Krisztian so that the customer could be contacted instead of waiting for the final report to go out. Investigation of the address revealed that the sample was taken at the Whaley Children's Center. The facility was contacted, and the contact there was notified that one of the samples that they submitted was in excess of 2,500 parts per billion (ppb), or more than 160 times higher than the federally-mandated action level of 15 ppb. The contact was instructed to take measures to ensure that water from that point was not being used for consumptive purposes. Since the facility provided childcare, Mr. Krisztian described the free plumbing evaluation service available and offered to put Whaley Children's Center on the list of facilities being evaluated. The contact indicated that they would provide the information to management for consideration.

- A review of the results from the free lead testing offered to all Flint residents since November 1, 2015, show a downward trend compared to results from those prior to November 1, 2015. This can be attributed to a number of factors. The switch to using water from Detroit Water and Sewerage Department, the implementation of supplemental phosphate addition, and the colder temperatures are all possible contributing factors in this trend.

  Since November 1, 2015, a total of 298 samples have been submitted and analyzed by the DEQ Laboratory. Of these samples, 248 or 83.2% show concentrations of 5 ppb or less. In addition, 279 samples or 93.6% show concentrations at or below the action level of 15 ppb.

  While this data is encouraging and indicates that the Flint water supply is moving towards compliance with the Lead and Copper Rule (LCR), it is imperative to view this data cautiously. The LCR specifies what sampling points may be used for compliance purposes. The data for these samples is nonselective and

potentially may not be coming from distribution points that would be allowed under the LCR. In addition, although the paperwork indicates that samples should not go through a filter, it is possible that some residents are using the free lead testing service to ensure the filters that have been provided do, in fact, remove lead.

Other Item:

Attached is a spreadsheet containing data for samples submitted by Flint residents through the free lead testing program.

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
January 4, 2016

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF90454	04-Nov-15	LEAD	0.000	2484 NOLEN DR	48504
LF90456	04-Nov-15	LEAD	0.000	2105 TUSCOLA ST	48503
LF90457	04-Nov-15	LEAD	0.000	1217 MAXINE	48503
LF90458	04-Nov-15	LEAD	0.000	2610 PEWANAGA PL	48507
LF90459	04-Nov-15	LEAD	0.000	2508 PIERCE ST	48503
LF90465	04-Nov-15	LEAD	0.000	3905 KELLAR AVE	48504
LF90467	04-Nov-15	LEAD	0.000	2484 NOLEN DR #2	48504
LF90468	04-Nov-15	LEAD	0.000	1680 N CHEVROLET AVE	48504
LF91271	09-Nov-15	LEAD	0.000	1419 MULBERRY LN	48507
LF91273	09-Nov-15	LEAD	0.000	1715 CRESCENT DR	48503
LF91275	09-Nov-15	LEAD	0.000	718 COLUMBIA LN	48503
LF91277	09-Nov-15	LEAD	0.000	3018 CLEMENT ST	48504
LF91278	09-Nov-15	LEAD	0.000	601 WHITE WILLOW DR	48506
LF91280	09-Nov-15	LEAD	0.000	718 COLUMBIA LN	48503
LF91281	09-Nov-15	LEAD	0.000	718 COLUMBIA LN	
LF91283	09-Nov-15	LEAD	0.000	2006 AITKEN AVE	48503
LF91285	09-Nov-15	LEAD	0.000	718 COLUMBIA LN	48503
LF91286	09-Nov-15	LEAD	0.000	3840 GLOUCESTER ST	48503
LF91290	09-Nov-15	LEAD	0.000	3841 LORRAINE AVE	48506
LF91291	09-Nov-15	LEAD	0.000	3614 ALDON LN	48506
LF92698	18-Nov-15	LEAD	0.000	2101 WINDEMERE AVE	48503
LF92699	18-Nov-15	LEAD	0.000	1963 LAUREL OAK DR	48507
LF92702	18-Nov-15	LEAD	0.000	6622 ELMRIDGE DR	
LF92705	18-Nov-15	LEAD	0.000	2438 MISSOURI AVE	48506
LF92712	18-Nov-15	LEAD	0.000	418 E BALTIMORE BLVD	48505
LF92713	18-Nov-15	LEAD	0.000	2101 WINDEMERE AVE	48503
LF92715	18-Nov-15	LEAD	0.000	313 E LYNDON AVE	48505
LF92719	18-Nov-15	LEAD	0.000	4236 KELLAR AVE	48504
LF92722	18-Nov-15	LEAD	0.000	1043 PINEHURST AVE	48507
LF92724	18-Nov-15	LEAD	0.000	822 W HEMPHILL RD	48507
LF92725	18-Nov-15	LEAD	0.000	6310 FLEMING RD	48504
LF92726	18-Nov-15	LEAD	0.000	3245 MONTANA AVE	48506
LF92727	18-Nov-15	LEAD	0.000	1602 S FRANKLIN AVE	48503
LF92728	18-Nov-15	LEAD	0.000	4117 TRUMBULL AVE	
LF92729	18-Nov-15	LEAD	0.000	3302 GRATIOT AVE	48503
LF92730	18-Nov-15	LEAD	0.000	3230 COLORADO	48506
LF92735	18-Nov-15	LEAD	0.000	1326 BEARD ST	
LF92736	18-Nov-15	LEAD	0.000	1214 KENSINGTON AVE	48503
LF92737	18-Nov-15	LEAD	0.000	800 E COURT ST #134	48503
LF92738	18-Nov-15	LEAD	0.000	555 S SAGINAW ST STE 201	48502

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF93550	24-Nov-15	LEAD	0.000	318 BUCKINGHAM AVE/FILTER	48505
LF93554	24-Nov-15	LEAD	0.000	2101 STEDRON ST	48504
LF93561	24-Nov-15	LEAD	0.000	1410 BLUEBERRY LN/6	48507
LF93567	24-Nov-15	LEAD	0.000	6211 OXLEY (MAIL 6201 OXLEY)	
LF93568	24-Nov-15	LEAD	0.000	6201 OXLEY DR	48504
LF93569	24-Nov-15	LEAD	0.000	607 EAST ST APT 3 (A)	48503
LF93570	24-Nov-15	LEAD	0.000	3913 WISNER ST	48504
LF93571	24-Nov-15	LEAD	0.000		
LF93572	24-Nov-15	LEAD	0.000	3510 YALE ST	
LF93573	24-Nov-15	LEAD	0.000	1825 OWEN ST	48503
LF93577	24-Nov-15	LEAD	0.000	3306 BARTH ST	
LF93578	24-Nov-15	LEAD	0.000	1608 BROAD COURT	48503
LF93580	24-Nov-15	LEAD	0.000	312 BUCKINGHAM AVE	48507
LF93586	24-Nov-15	LEAD	0.000	429 CHAVEZ DR (NORTH BOUND)	48503
LF93589	24-Nov-15	LEAD	0.000	916 HUBBARD AVE	48503
LF93591	24-Nov-15	LEAD	0.000	3221 WYOMING AVE	48506
LF93592	24-Nov-15	LEAD	0.000	810 MAC DONALD AVE	48507
LF93593	24-Nov-15	LEAD	0.000	613 E ATHERTON	48507
LF93594	24-Nov-15	LEAD	0.000	700 E COURT ST #303	48503
LF93595	24-Nov-15	LEAD	0.000	4311 OGEMA	48507
LF94259	02-Dec-15	LEAD	0.000	2833 COMANCHE AVE	
LF94263	02-Dec-15	LEAD	0.000	3515 SUNSET DR	48503
LF94265	02-Dec-15	LEAD	0.000	3125 MONTANA AVE	48506
LF94269	02-Dec-15	LEAD	0.000	2833 COMANCHE AVE	
LF94270	02-Dec-15	LEAD	0.000	1920 COLCHESTER RD	48503
LF94272	02-Dec-15	LEAD	0.000	2954 CONCORD ST	48504
LF94280	02-Dec-15	LEAD	0.000	420 GREENFIELD AVE	48503
LF94284	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE #V4	48503
LF94285	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE V2	48503
LF94286	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE #V3	48503
LF94287	02-Dec-15	LEAD	0.000	1802 CARMEN BROOK PKY	48507
LF94288	02-Dec-15	LEAD	0.000	3407 LEITH ST	48506
LF94289	02-Dec-15	LEAD	0.000	3915 OGEMA	
LF94290	02-Dec-15	LEAD	0.000	3501 SHERWOOD DR	48503
LF94291	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERS J3	48503
LF94293	02-Dec-15	LEAD	0.000	1201 NORTH GRAND TRAVERSE #1	48503
LF94294	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE #2	48503
LF94296	02-Dec-15	LEAD	0.000	3109 BEECHER RD	48503
LF94299	02-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE #V1	48503
LF94301	02-Dec-15	LEAD	0.000	1802 CARMENBROOK PKY	48507

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF94303	02-Dec-15	LEAD	0.000	346 ALLENDALE PLACE	48503
LF94304	02-Dec-15	LEAD	0.000	412 SHEFFIELD AVE	
LF95909	10-Dec-15	LEAD	0.000	2761 CHICAGO BLVD	48503
LF95910	10-Dec-15	LEAD	0.000	3401 MILLER RD	48503
LF95912	10-Dec-15	LEAD	0.000	1606 BARBARA DR	48504
LF95916	10-Dec-15	LEAD	0.000	4018 PARK FOREST DR	48507
LF95921	10-Dec-15	LEAD	0.000	3602 MILBOURNE AVE	48504
LF95923	10-Dec-15	LEAD	0.000	1001 BEARD ST	48503
LF95925	10-Dec-15	LEAD	0.000	3822 W COURT ST	48532
LF95926	10-Dec-15	LEAD	0.000	1901 CASTLE LN	48504
LF95928	10-Dec-15	LEAD	0.000	665 E HEMPHILL RD	48507
LF95930	10-Dec-15	LEAD	0.000	2201 KANSAS ST	48506
LF95932	10-Dec-15	LEAD	0.000	214 W FOSS	48
LF97319	18-Dec-15	LEAD	0.000	3505 COMANCHE AVE	48507
LF97320	18-Dec-15	LEAD	0.000	4509 TRUMBULL DR	48504
LF97321	18-Dec-15	LEAD	0.000	1604 E COURT	48503
LF97322	18-Dec-15	LEAD	0.000	1302 BARNEY AVE	48503
LF97324	18-Dec-15	LEAD	0.000	1925 HASLER ST	48503
LF97326	18-Dec-15	LEAD	0.000	2201 HILLS ST	48503
LF97332	18-Dec-15	LEAD	0.000	6709 COLONIAL DR	48505
LF97333	18-Dec-15	LEAD	0.000	3921 BRANCH RD	48506
LF97335	18-Dec-15	LEAD	0.000	505 EAST ST	48503
LF97336	18-Dec-15	LEAD	0.000	1925 HOSLER ST	48503
LF97337	18-Dec-15	LEAD	0.000	106 E PIPER AVE	48505
LF97338	18-Dec-15	LEAD	0.000	1013 BLANCHARD	48503
LF97339	18-Dec-15	LEAD	0.000	209 S CUMBERLAND ST	
LF97341	18-Dec-15	LEAD	0.000	2014 HILLS ST	
LF97345	18-Dec-15	LEAD	0.000	5366 OAK TREE CT	48532
LF97348	18-Dec-15	LEAD	0.000	4202 CIRCLE DR	48507
LF97919	29-Dec-15	LEAD	0.000	532 S VERNON AVE	48503
LF97921	29-Dec-15	LEAD	0.000	3901 CHEYENNE AVE	48507
LF97926	29-Dec-15	LEAD	0.000	1223 BENNETT AVE	48506
LF97928	29-Dec-15	LEAD	0.000	3123 CHAMBERS ST	48507
LF97929	29-Dec-15	LEAD	0.000	2101 STEDRON	48504
LF97930	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT DR	
LF97931	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT	48505
LF97932	29-Dec-15	LEAD	0.000	7002 PEMBERTON DR	
LF97933	29-Dec-15	LEAD	0.000	7002 PEMBERTON DR BLDG 15	
LF97934	29-Dec-15	LEAD	0.000	4060 M L KING APT 11	48505
LF97936	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT	48505

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF97937	29-Dec-15	LEAD	0.000	906 GARLAND ST	48503
LF97940	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT DR	
LF97941	29-Dec-15	LEAD	0.000	454 DOUGHERTY PL	48504
LF97942	29-Dec-15	LEAD	0.000	1201 N GRAND TRAVERSE N	
LF97944	29-Dec-15	LEAD	0.000	3123 CHAMBERS ST (BRITA)	48507
LF97947	29-Dec-15	LEAD	0.000	2510 NEBRASKA AVE	48506
LF97951	29-Dec-15	LEAD	0.000	902 E COURT #308 RICHERT MANOR	
LF97953	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT	
LF97956	29-Dec-15	LEAD	0.000	3800 RICHFIELD RD	
LF97958	29-Dec-15	LEAD	0.000	5838 EDGAR HOLT DR	48505
LF97960	29-Dec-15	LEAD	0.000	7002 PEMBERTON DR BLDG 29	48505
LF97966	29-Dec-15	LEAD	0.000	2200 N DORT HWY	48507
LF97967	29-Dec-15	LEAD	0.000	2200 N DORT HWY	48507
LF97968	29-Dec-15	LEAD	0.000	3930 HERRICK ST	
LF97969	29-Dec-15	LEAD	0.000	5709 OXLEY DR	
LF97973	29-Dec-15	LEAD	0.000	605 JOSEPHINE	
LF97982	29-Dec-15	LEAD	0.000	2610 M L KING SALEM LUTHERAN	
LF91269	09-Nov-15	LEAD	0.001	2937 CONCORD ST	48504
LF91282	09-Nov-15	LEAD	0.001	726 W DARTMOUTH ST	48505
LF91284	09-Nov-15	LEAD	0.001	210 W STEWART AVE	48505
LF92700	18-Nov-15	LEAD	0.001	317 BEDE ST	48507
LF92701	18-Nov-15	LEAD	0.001	4629 MILTON DR	48507
LF92703	18-Nov-15	LEAD	0.001	6626 ELMRIDGE DR	48505
LF92706	18-Nov-15	LEAD	0.001	532 BURROUGHS AVE	48507
LF92711	18-Nov-15	LEAD	0.001	3826 BROWN ST	48532
LF92714	18-Nov-15	LEAD	0.001	4515 OGEMA	48507
LF93581	24-Nov-15	LEAD	0.001	3701 DAKOTA AVE	485
LF93582	24-Nov-15	LEAD	0.001	3312 BENNETT AVE	48506
LF93588	24-Nov-15	LEAD	0.001	1406 BLUEBERRY LN	48507
LF94267	02-Dec-15	LEAD	0.001	3210 NORWOOD DR	
LF94275	02-Dec-15	LEAD	0.001	2806 THOMAS ST	48504
LF94278	02-Dec-15	LEAD	0.001	3406 DEARBORN AVE	48507
LF94281	02-Dec-15	LEAD	0.001	707 ALGONQUIN AVE	48507
LF94283	02-Dec-15	LEAD	0.001	2954 CONCORD ST	48504
LF94298	02-Dec-15	LEAD	0.001	1819 FRANCIS AVE	48505
LF95920	10-Dec-15	LEAD	0.001	1221 BARNEY	48503
LF95935	10-Dec-15	LEAD	0.001	3320 MILLER RD	48503
LF97318	18-Dec-15	LEAD	0.001	2313 HILLS STREET	48503
LF97325	18-Dec-15	LEAD	0.001	653 S SAGINAW #105	48502
LF97327	18-Dec-15	LEAD	0.001	912 CRAWFORD ST	

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF97340	18-Dec-15	LEAD	0.001	3141 WYOMING AVE	
LF97343	18-Dec-15	LEAD	0.001	3614 DAKOTA AVE	48506
LF97952	29-Dec-15	LEAD	0.001	1201 N GRAND TRAVERSE	
LF97962	29-Dec-15	LEAD	0.001	1201 N GRAND TRAVERSE	48503
LF97965	29-Dec-15	LEAD	0.001	631 E ATHERTON	48507
LF90455	04-Nov-15	LEAD	0.002	1217 MAXINE	48503
LF90461	04-Nov-15	LEAD	0.002	3741 WORCHESTER DR	48503
LF91270	09-Nov-15	LEAD	0.002	915 E COURT ST #405	48503
LF91274	09-Nov-15	LEAD	0.002	4221 BROWNELL BLVD	48504
LF91288	09-Nov-15	LEAD	0.002	112 E STEWART AVE	48505
LF91289	09-Nov-15	LEAD	0.002	2601 CIRCLE DR	48507
LF92709	18-Nov-15	LEAD	0.002	3802 GREENBROOK LN	48507
LF92716	18-Nov-15	LEAD	0.002	3825 DAVISON RD	48506
LF92718	18-Nov-15	LEAD	0.002	4109 TRUMBULL AVE	48504
LF92720	18-Nov-15	LEAD	0.002	932 LYON ST	48503
LF92721	18-Nov-15	LEAD	0.002	3420 PARKSIDE DR	48503
LF92732	18-Nov-15	LEAD	0.002	1331 BEARD ST	48503
LF93563	24-Nov-15	LEAD	0.002	1616 DURAND	48503
LF93583	24-Nov-15	LEAD	0.002	4309 CUTHBERTSON	48507
LF93585	24-Nov-15	LEAD	0.002	3502 BRINTWOOD DR	48503
LF94268	02-Dec-15	LEAD	0.002	326 FERNDALE PLACE	48503
LF94274	02-Dec-15	LEAD	0.002	3914 STERLING ST	48504
LF94276	02-Dec-15	LEAD	0.002	3550 HAWTHORNE DR	48503
LF94295	02-Dec-15	LEAD	0.002	630 W ATHERTON RD	48507
LF94297	02-Dec-15	LEAD	0.002	3636 BRENTWOOD	48503
LF94300	02-Dec-15	LEAD	0.002	3623 NORWOOD DR	48503
LF95918	10-Dec-15	LEAD	0.002	2020 KANSAS	48506
LF95919	10-Dec-15	LEAD	0.002	3102 BROWNELL BLVD	48504
LF95929	10-Dec-15	LEAD	0.002	3501 HAWTHORNE DR	48
LF95934	10-Dec-15	LEAD	0.002	2564 TYRONE ST	48504
LF97316	18-Dec-15	LEAD	0.002	224 E COURT ST APT 405	49502
LF97323	18-Dec-15	LEAD	0.002	1902 S AVERILL	48507
LF97330	18-Dec-15	LEAD	0.002		
LF97344	18-Dec-15	LEAD	0.002	732 VERMILYA AVE	
LF97950	29-Dec-15	LEAD	0.002	1201 N GRAND TRAVERSE	
LF97955	29-Dec-15	LEAD	0.002	3123 CHAMBERS ST	
LF97974	29-Dec-15	LEAD	0.002	2302 MOUNTAIN AVE	48503
LF90466	04-Nov-15	LEAD	0.003	1670 DUPONT ST	48504
LF91287	09-Nov-15	LEAD	0.003	218 W STEWART AVE	48505
LF92697	18-Nov-15	LEAD	0.003	325 BEDE ST	48507

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF92707	18-Nov-15	LEAD	0.003	3825 DAVISON RD #2	48506
LF92708	18-Nov-15	LEAD	0.003	1914 MILLER RD	48503
LF92717	18-Nov-15	LEAD	0.003	3816 PARK FOREST DR	
LF92723	18-Nov-15	LEAD	0.003	509 WELLER ST	48504
LF93551	24-Nov-15	LEAD	0.003	318 BUCKINGHAM AVE (#2)	48507
LF93557	24-Nov-15	LEAD	0.003	1302 BLANCHARD AVE	48503
LF93579	24-Nov-15	LEAD	0.003	1807 WOODLIN DR	48504
LF94264	02-Dec-15	LEAD	0.003	322 FERNDALE PLACE	48503
LF94266	02-Dec-15	LEAD	0.003	1402 EAST COURT ST	48503
LF94273	02-Dec-15	LEAD	0.003	1801 SENECA ST	48504
LF94292	02-Dec-15	LEAD	0.003	2721 COVENTRY CT	48503
LF95913	10-Dec-15	LEAD	0.003	2702 MACKIN RD	48504
LF95924	10-Dec-15	LEAD	0.003	429 BURROUGHS AVE	48507
LF97317	18-Dec-15	LEAD	0.003	1521 BROOKWOOD DR	48503
LF97329	18-Dec-15	LEAD	0.003	1102 SOUTH DR	48503
LF97334	18-Dec-15	LEAD	0.003	224 E COURT APT 107	48502
LF97918	29-Dec-15	LEAD	0.003	1839 OAK BROOK CIR	
LF97925	29-Dec-15	LEAD	0.003	1223 BENNETT AVE	
LF97939	29-Dec-15	LEAD	0.003	1201 N GRAND TRAVERSE B	48503
LF97948	29-Dec-15	LEAD	0.003	3800 RICHFIELD RD #513	
LF97959	29-Dec-15	LEAD	0.003	1201 N GRAND TRAVERSE	48503
LF97977	29-Dec-15	LEAD	0.003	605 JOSEPHINE	
LF97983	29-Dec-15	LEAD	0.003	2302 MOUNTAIN AVE	48503
LF90460	04-Nov-15	LEAD	0.004	3510 ROBIN ST	48505
LF90463	04-Nov-15	LEAD	0.004	1014 BARRINGTON DR	
LF92704	18-Nov-15	LEAD	0.004	2020 CROOKED LN	48503
LF92731	18-Nov-15	LEAD	0.004	919 GLADWYN ST/MAIL TO 3302	48504
LF93564	24-Nov-15	LEAD	0.004	1410 BLUEBERRY LN/5	48507
LF93574	24-Nov-15	LEAD	0.004	3709 CIRCLE DR	48507
LF94302	02-Dec-15	LEAD	0.004	1934 CAMBRIDGE AVE	48503
LF95917	10-Dec-15	LEAD	0.004	3748 GLOUCESTER	
LF95922	10-Dec-15	LEAD	0.004	1909 WABASH	48505
LF97957	29-Dec-15	LEAD	0.004	1201 N GRAND TRAVERSE	
LF97963	29-Dec-15	LEAD	0.004	1230 DUPONT ST	
LF97964	29-Dec-15	LEAD	0.004	2380 NOLEN DR	48504
LF97981	29-Dec-15	LEAD	0.004	2610 M L KING AVE SALEM LUTHERAN	
LF91276	09-Nov-15	LEAD	0.005	746 S SAGINAW ST	48502
LF92710	18-Nov-15	LEAD	0.005	1262 GRACELAWN	48505
LF93556	24-Nov-15	LEAD	0.005	1410 BLUEBERRY LN/3	48507
LF93558	24-Nov-15	LEAD	0.005	318 BUCKINGHAM AVE #5	48507

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF93559	24-Nov-15	LEAD	0.005	318 BUCKINGHAM #1	
LF93562	24-Nov-15	LEAD	0.005	1410 BLUEBERRY LN/4	48507
LF94261	02-Dec-15	LEAD	0.005	314 WESTCOMBE AVE	48503
LF94279	02-Dec-15	LEAD	0.005	1202 BEARD ST	48503
LF95911	10-Dec-15	LEAD	0.005	2821 BRANDON ST	48503
LF95914	10-Dec-15	LEAD	0.005	3517 MILLER RD	48503
LF97346	18-Dec-15	LEAD	0.005	1926 CAMBRIDGE AVE	48503
LF97949	29-Dec-15	LEAD	0.005	1926 HOWARD AVE BLDG 11	
LF90462	04-Nov-15	LEAD	0.006	2621 DELAWARE AVE	48506
LF92734	18-Nov-15	LEAD	0.006	1320 BEARD ST	48503
LF93555	24-Nov-15	LEAD	0.006	1410 BLUEBERRY LN/2	48507
LF94262	02-Dec-15	LEAD	0.006	629 ROOME CT	48503
LF95931	10-Dec-15	LEAD	0.006	213 FOSS AVE	48505
LF97943	29-Dec-15	LEAD	0.006	801 FLORAL PARK	
LF93587	24-Nov-15	LEAD	0.007	2020 MILLER RD	48503
LF93566	24-Nov-15	LEAD	0.008	2630 PARKSIDE DR	
LF93576	24-Nov-15	LEAD	0.008	KITCHEN	48504
LF93590	24-Nov-15	LEAD	0.008	3113 ARIZONA AVE	48506
LF94282	02-Dec-15	LEAD	0.008	620 LINCOLN	58507
LF97328	18-Dec-15	LEAD	0.008	1201 ALVORD AVE	48507
LF97331	18-Dec-15	LEAD	0.008	2830 EPSILON TRAIL	
LF97347	18-Dec-15	LEAD	0.008	119 GRACE ST	48503
LF97923	29-Dec-15	LEAD	0.008	1201 N GRAND TRAVERSE	48503
LF97971	29-Dec-15	LEAD	0.008	2610 ML KING AVE	
LF93553	24-Nov-15	LEAD	0.009	318 BUCKINGHAM #4	48507
LF95915	10-Dec-15	LEAD	0.009	2013 E COURT ST	48503
LF97342	18-Dec-15	LEAD	0.009	415 W 2ND STREET	
LF97922	29-Dec-15	LEAD	0.009	1201 N GRAND TRAVERSE	48503
LF97946	29-Dec-15	LEAD	0.009	1201 N GRAND TRAVERSE O	
LF94277	02-Dec-15	LEAD	0.010	3401 LEITH ST	48506
LF95927	10-Dec-15	LEAD	0.011	720 COMMONWEALTH AVE	48503
LF97349	18-Dec-15	LEAD	0.011	906 MARQUETTE ST	48504
LF97920	29-Dec-15	LEAD	0.011	1918 LEITH ST	48506
LF97978	29-Dec-15	LEAD	0.011	2005 BARTH ST	48504
LF94271	02-Dec-15	LEAD	0.012	314 FERNDALE	48503
LF95933	10-Dec-15	LEAD	0.012	3014 CHEYENNE AVE	48507
LF97927	29-Dec-15	LEAD	0.012	1201 N GRAND TRAVERSE	
LF97980	29-Dec-15	LEAD	0.012	2610 M L KING SALEM LUTHERAN	48505
LF97976	29-Dec-15	LEAD	0.015	2610 M L KING AVE	48505
LF95908	10-Dec-15	LEAD	0.017	2030 FERRIS AVE	48503

Home Owner Results - Samples Submitted 11-1-15 Through 12-29-15

SAMPLE NUMBER	DATE SUBMITTED	ANALYTE	RESULT	ADDRESS	ZIP CODE
LF97938	29-Dec-15	LEAD	0.017	1201 N GRAND TRAVERSE	48503
LF93575	24-Nov-15	LEAD	0.018	428 CRAPO	
LF93565	24-Nov-15	LEAD	0.022	1014 DELL AVE	48507
LF97961	29-Dec-15	LEAD	0.022	7002 PEMBERTON DR BLDG 2	48505
LF90464	04-Nov-15	LEAD	0.027	UNKNOWN	
LF93560	24-Nov-15	LEAD	0.028	1410 BLUEBERRY LN/1	48507
LF97935	29-Dec-15	LEAD	0.029	1201 N GRAND TRAVERSE E	48503
LF94260	02-Dec-15	LEAD	0.030	402 ALLENDALE PL	48503
LF91279	09-Nov-15	LEAD	0.033	227 E ALMA AVE	48505
LF92733	18-Nov-15	LEAD	0.036	1134 SIMCOE AVE	48507
LF97351	18-Dec-15	LEAD	0.040	1642 BELLE AVE	48506
LF97350	18-Dec-15	LEAD	0.041	1918 LEITH 1	48506
LF93552	24-Nov-15	LEAD	0.042	318 BUCKINGHAM #3	48507
LF97924	29-Dec-15	LEAD	0.042	1201 N GRAND TRAVERSE	48503
LF91272	09-Nov-15	LEAD	0.050	1426 MAPLEWOOD AVE	48506
LF93584	24-Nov-15	LEAD	0.055	2521 TRUMBULL AVE	48504
LF97954	29-Dec-15	LEAD	0.213	1201 N GRAND TRAVERS	48505
LF97945	29-Dec-15	LEAD	2.516	1201 N GRAND TRAVERSE	

Subject: RDS/DM/BM/NL/DW - Conference call with Senator Ananich
Location: By Phone PPI

Start: Mon 9/28/2015 11:00 AM
End: Mon 9/28/2015 11:30 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Thelen, Mary Beth (DEQ); Mcbride, Bill (GOV); Muchmore, Dennis (GOV); Lyon, Nick (DCH); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH); Wyant, Dan (DEQ)

Purpose: Flint water

Senator Ananich and COS Andy Leavitt

RDS to call: **PPI**

Different # than the 11:30 am Call
PPI
ACCESS CODE: PPI
HOST PASSWORD: **PPI** – DM to dial in as host

POC: Michelle Carnevale MCarnevale@senate.michigan.gov

From:	DEQ-Legislative-Contact
Sent:	Wednesday, September 16, 2015 5:06 PM
To:	Jordan.Dickinson@mail.house.gov
Cc:	Ananich, Senator Jim ; Neeley, Rep Sheldon; Phelps, Rep Phil; dwalling@cityofflint.com; hcroft@cityofflint.com; hedman.susan@epa.gov; poy.thomas@epa.gov; Schock.michael@epa.gov; Lytle.darren@epa.gov; fortin.denise@epa.gov; Edwardsm@vt.edu; Hollins, Harvey (GOV); Mcbride, Bill (GOV); Brown, Eric (GOV); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); Anderson, Madhu (DEQ); Copen, Leigh (DEQ); Pallone, Maggie (DEQ); Howes, Sarah (DEQ); Wurfel, Brad (DEQ); Shekter Smith, Liane (DEQ); Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Cook, Pat (DEQ)
Subject:	MDEQ Response to Congressman Kildee Letter re: Flint Drinking Water
Attachments:	Congressman Kildee Response re Flint Water.pdf

Attached please find the MDEQ's response to your September 9, 2015 letter regarding Flint drinking water.

Thank you,
Heather Feuerstein
Management Assistant to
Maggie Pallone, Deputy Director and
Brad Wurfel, Communications Director
Department of Environmental Quality
517.284.6715

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 16, 2015

VIA E-MAIL

The Honorable Daniel Kildee
United States House of Representatives
Washington, DC 20515

Dear Congressman Kildee:

Thank you for your September 9, 2015, letter regarding your concerns for the drinking water in the city of Flint (Flint). The Michigan Department of Environmental Quality (MDEQ) is working closely with Flint's water department as well as the U.S. Environmental Protection Agency (USEPA) to ensure Flint residents have ample water that meets state and federal drinking water standards.

The MDEQ's role is to administer its nearly 40-year-old state drinking water protection program based on federal guidelines. The MDEQ works with approximately 11,500 public water systems in the state to monitor for more than 90 primary drinking water contaminants and ensure that every supply consistently provides safe drinking water.

In Flint, the city made a decision 18 months ago to switch drinking water sources. This change required them to take specific measures under the federal Lead and Copper Rule, which was enacted in 1991 to monitor water as it interacts with lead service connections and home plumbing. Flint's test results were conducted according to the same testing protocols every Michigan community uses and the same protocols Flint has used to test its water every three years for the past 25 years.

While the results from Flint's testing show compliance with the federal action level for lead and copper, on August 17, 2015, the MDEQ instructed the city to move forward expeditiously with developing additional corrosion control treatment to minimize the corrosive effects between drinking water and lead service connections and home plumbing in the Flint service area.

We appreciate and share your concern for the situation, and the MDEQ looks forward to providing you a detailed briefing next week. If you have any additional questions in the meantime, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6704 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant

Dan Wyant
Director
517-284-6700

cc: Senator Jim Ananich
Representative Sheldon Neeley
Representative Phil Phelps
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Feuerstein, Heather (DEQ)
Sent: Thursday, September 17, 2015 7:43 PM
To: 'Ananich, Senator Jim '; 'Neeley, Rep Sheldon'; 'Phelps, Rep Phil'
Cc: 'Jordan.Dickinson@mail.house.gov'; 'dwalling@cityofflint.com'; 'hcroft@cityofflint.com'; 'hedman.susan@epa.gov'; 'poy.thomas@epa.gov'; 'Schock.michael@epa.gov'; 'Lytle.darren@epa.gov'; 'fortin.denise@epa.gov'; 'Edwardsm@vt.edu'; Hollins, Harvey (GOV); Mcbride, Bill (GOV); Brown, Eric (GOV); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); Anderson, Madhu (DEQ); Copen, Leigh (DEQ); Pallone, Maggie (DEQ); Howes, Sarah (DEQ); Wurfel, Brad (DEQ); Shekter Smith, Liane (DEQ); Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Cook, Pat (DEQ)
Subject: MDEQ response to letter regarding Flint water
Attachments: Flint Water Response.pdf

Attached please find the MDEQ's response to your September 10, 2015, letter regarding Flint drinking water.

Thank you,
Heather Feuerstein
Management Assistant to
Maggie Pallone, Deputy Director and
Brad Wurfel, Communications Director
Department of Environmental Quality
517.284.6715

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 17, 2015

VIA E-MAIL

The Honorable Jim Ananich
State Senator
State Capitol
P.O. Box 30036
Lansing, Michigan 48909-7536

The Honorable Sheldon Neeley
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

The Honorable Phil Phelps
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

Dear Senator Ananich and Representatives Neeley and Phelps:

Thank you for your letter of September 10, 2015, regarding water quality in the city of Flint (City). Your interest in this matter is appreciated. The Michigan Department of Environmental Quality (MDEQ) takes seriously its responsibility to ensure safe drinking water for all Michigan residents. The MDEQ maintains a robust public water supply regulatory program through long-standing partnerships with the United States Environmental Protection Agency (USEPA) and the state's regulated public water systems.

With respect to the draft memo referenced in your letter, the MDEQ does not review or receive draft memos from the USEPA, nor would we expect to while it is a draft.

Regulations associated with lead, copper, and corrosion control require communities to monitor water quality at customer taps. The monitoring protocols for sampling home water attempt to represent actual home water use, and they allow the MDEQ to get consistent results for year-over-year comparisons.

It is important to recognize that any home with lead plumbing or service connections will impart some amount of lead to water samples. While the compliance monitoring for lead in the City has not exceeded the federally-established Action Level, either before or after the City switched sources and treatment methods, there has always been

detectable lead in the City's water sampling program for homes that have lead plumbing or service connections. The City's monitoring program's purpose is to show aggregated levels throughout the entire system, not individual home levels.

The law requires the City to provide individual lead results to customers whose homes are sampled for compliance with the Action Level. Each customer with an individual sample result that exceeds 15 parts per billion is provided information on actions they can take to limit lead exposure in their drinking water. System-wide results from the most recent lead compliance monitoring are included each year in the City's annual Consumer Confidence Report, which is provided to customers and available online.

It is important to note that the City performed extensive home water tests for lead and copper last year and this year, and is meeting state and federal drinking water standards. Local health departments also administer annual blood level testing on children in Flint; results show no discernable rise in levels that might be expected if there was an elevated lead level in the City water supply. The City currently has no unresolved violations of state and federal drinking water standards.

The MDEQ continues to work with the City and federal regulators on the shared goal of ensuring safe, reliable drinking water in this community.

I look forward to discussing this issue in greater detail at the meeting next week. If you should have additional questions before then, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6715 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director
517-284-6700

cc: U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Richard Benzie, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Muchmore, Dennis (GOV)
Sent: Monday, September 28, 2015 12:05 PM
To: Mcbride, Bill (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Lyon, Nick (DCH); Wyant, Dan (DEQ)
Subject: FW: Letter to Governor Snyder: Flint Water
Attachments: 09.28.2015-Letter-Ananich-Snyder-Water-Requests.pdf

Just came in

From: Andrew Leavitt [mailto:ALeavitt@senate.michigan.gov]
Sent: Monday, September 28, 2015 11:45 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Letter to Governor Snyder: Flint Water

Hi Dennis,

Senator Ananich began drafting the attached letter on Sunday and thought it would be helpful to guide our 12pm call.

Thanks,

Andy

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

September 28, 2015

State of Michigan
Executive Office of the Governor
P.O. Box 30013
Lansing, MI 48909

Governor Snyder,

Access to safe, affordable drinking water is a basic necessity for every community. It is completely unacceptable that respected scientific experts and our trusted local physicians have verified that the City of Flint's drinking water is dangerous for our citizens, especially our most vulnerable young people.

As a result, I am formally requesting assistance as suggested by the experts on the frontline of this public health crisis. Here are the top priorities we should work together to address:

1. **Swift transfer to a safe source of water until the Karegnondi Water Authority (KWA) project is complete next year.** Your administration has the ability to ensure a financially acceptable and responsible contract between Flint and the Detroit Water and Sewerage Department, particularly in light of the public health implications with the Flint River supply.

2. **Equally urgent is the need for corrosion control as recommended by independent scientific experts.** There are chemical treatment additives that could help reduce this corrosion. I urge you to help the city implement anti-corrosion methods immediately. The current emergency makes the January timeline unacceptable.

3. **Filters and bottled water assistance.** Flint water touches the entire city. Whether it's a person's home, work, school, restaurant or place of worship, access to safe, clean drinking water should not be hindered. Water filters, used in conjunction with corrosion control methods, are necessary to help guard against toxic exposure.

   I have been working with the philanthropic community and private sector to secure donations to acquire filters and water; however, more funds will be necessary to effectively cover the thousands of residents impacted. I would like to formally request emergency funding to help supplement the acquisition of water filters and bottled water. Any and all appropriate state or federal money to help accomplish this feat should be considered.

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

4. **Support for completion of the KWA pipeline.** It is presumed that the upcoming KWA pipeline will solve a number of problems associated with the current sourcing of Flint's water from the Flint River. I am requesting a meeting between representatives from your office, KWA board members and project engineers to discuss any options to expedite the pipeline's construction.

5. **A long-term commitment to addressing outdated infrastructure.** A recent EPA report just outlined the billions of dollars necessary over the next several decades to adequately secure safe water for our entire state. You have the position and opportunity to be a national leader on moving the debate forward on this topic so that we can avoid the type of catastrophe my community is grappling with today.

I look forward to working with you to deliver on these concrete and urgent action items to alleviate the public health crisis facing our residents.

We jeopardize any progress and comeback for our cities and state if we cannot ensure safe, basic necessities for our families or if we cannot come together swiftly to fix an identified, severe threat to the safety of our people.

Sincerely,

Jim Ananich
Senate Democratic Leader
District 27

cc:
U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Howard Croft, City of Flint
Susan Hedman, EPA
Thomas Poy, EPA
Michael Schock, EPA-ORD
Darren Lytle, EPA-ORD
Denise Fortin, EPA
Liane Shekter-Smith, MDEQ
Pat Cook, MDEQ
Stephen Busch, MDEQ
Brad Wurfel, MDEQ
Marc Edwards, Virginia Tech

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 3:10 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Mcbride, Bill (GOV); Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: FW: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

Importance: High

FYI --

And for the record, NO ONE from the Senator's office reached out before they put this out, though I know such action was alluded too. And I do try to make sure Angela on comms team always gets a heads up on key things we're doing.

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, September 28, 2015 2:48 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FOR IMMEDIATE RELEASE
September 28, 2015

Contact: Angela Wittrock
517.775.1430

Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FLINT, Mich.—Senate Minority Leader Jim Ananich (D-Flint) issued the following statement:

"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

"My formal request included immediate and long-term solutions, including strong consideration for switching back to the Detroit water source until the Karegnondi Pipeline Authority project is complete. Anything less than an aggressive, comprehensive approach is simply unacceptable."

A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
C: **PPI**

Please sign up for our e-news at: Senatedems.com/Ananich
Facebook: jimananich | Twitter: @jimananich

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 10:47 AM
To: Scott, Allison (GOV)
Cc: Hansen, Rachel (GOV); Mcbride, Bill (GOV); Bedan, Morgan (GOV); Dickinson, Sarah (GOV)
Subject: FW: Flint letters
Attachments: 10.2.15 Kildee.pdf; 10.2.15 Peters.pdf; 10.2.15 Stabenow.pdf

Hi Allison,

Due to time constraints, these did not go through the formal review process . Per Bill McBride, Dennis signed off and gave the go ahead to sign.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
HallJ16@michigan.gov
517-241-5493

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 10:03 AM
To: 'Brown, Eric (GOV)' <BrownE15@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: RE: Flint letters

O.k. Let me know if there are any problems.

Thanks.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
HallJ16@michigan.gov
517-241-5493

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: Hall, Jean (GOV) <hallj16@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint letters

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!

--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
PPI mobile)

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

Dear Congressman Kildee:

As part of our ongoing dialogue related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
7. Expediting completion of Karegnondi Water Authority.
8. Appointing Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Providing water filters to residents of Flint.
10. Expanding a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Gary Peters
U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

Dear Senator Peters:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
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3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued efforts to ensure that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Dear Senator Stabenow:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
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Sincerely,

Rick Snyder
Governor

From: Wurfel, Sara (GOV)
Sent: Friday, October 23, 2015 10:35 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Mcbride, Bill (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV)
Subject: FW: Join Me Wednesday for an Update on Flint Water

Importance: High

FYI –

This was passed along by a few people who have received.

Begin forwarded message:

From: Congressman Dan Kildee <MI05DKima@mail.house.gov>
Date: October 22, 2015 at 6:39:37 PM EDT
Subject: Join Me Wednesday for an Update on Flint Water

Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

News from Representative Kildee
Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

Dear ,

The Flint water crisis is a failure of government at every level, and I am committed to increasing transparency and finding answers to ensure that these failures never happen again. That's why I have called for an investigation into the causes of water problems in Flint.

Simply put, high lead levels in Flint's drinking water are unacceptable, and there must be accountability.

As part of my ongoing efforts, I am holding a **telephone town hall with constituents on Wednesday, October 28th, at 7 p.m. ET** to provide an update on my efforts. I'll be joined by both Dr. Mona Hanna-Attisha and Dr. Marc Edwards, who both conducted critical tests that exposed unacceptable lead levels in Flint. On the live call, we will also answer questions from Flint residents.

If you're interested in joining our conversation, please RSVP here, or fill out the form below.

What is your preferred Prefix (Mr./Mrs./Ms./Dr., etc)?
[ ]

What is your First Name?
[ ]
What is your Last Name?
[ ]
What phone number would you like to use to participate in the telephone town hall?
[ ]
What is your Email Address?
[ ]
What is your Address?
[ ]
What is your Zip Code?
[ ]

[RSVP!]

Click to open in a separate window

For months, I have been pressing state and federal agencies for immediate resources and action to improve and restore confidence in water quality. At the federal level, I am pushing for resources to ensure the safety of water, but also make much-needed repairs to our city's aging water system and infrastructure. *The Flint Journal* covered these federal efforts in March. You can view them here.

Additionally, I welcome the announcement recently that the U.S. Environmental Protection Agency will send technical advisors to Flint to assist the city and state. I have repeatedly asked the EPA to send these much-needed experts to help improve the water quality and hopefully restore some public confidence in the safety of our water.

Serious issues remain, and there is a long way to go before complete confidence in the city's drinking water is restored. I am committed to working to ensure that Flint residents get a thorough investigation and answers to their questions.

I hope you'll join me next Wednesday for a telephone town hall update on Flint water.

Sincerely,

Dan Kildee

Washington D.C. Office
227 Cannon HOB
Washington, DC 20515
Phone: (202) 225-3611
Hours: 9:00 a.m. - 5:00 p.m.

District Office
111 East Court Street, #3B
Flint, MI 48502
Phone: (810) 238-8627
Hours: 9:00 a.m. - 5:00 p.m.

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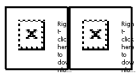

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 10:06 AM
To: Mcbride, Bill (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Subject: FW: request for comment on congressman's letter
Attachments: 111315 Update and Health Fund Request (Snyder).pdf

Please see below. Know we talked about this yesterday briefly at senior staff. What is status of response? Otherwise, will stick to basics and focus on moving forward piece, along with seeing if any specific updates from DEQ.

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Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
HOUSING AND INSURANCE

SUBCOMMITTEE ON
MONETARY POLICY AND TRADE

SENIOR WHIP

DEMOCRATIC POLICY AND
COMMUNICATIONS COMMITTEE

Congress of the United States
House of Representatives
Washington, DC 20515

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(810) 238-8658 (FAX)

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/REPDANKILDEE
@REPDANKILDEE

November 13, 2015

Governor Rick Snyder
Executive Office of the Governor
P.O. Box 30013
Lansing, Michigan 48909

Governor Snyder:

I would like to provide you an update with some of the work we are doing in response to your letter on October 2, 2015 letter. I also have three requests of the state that are necessary to provide relief to the victims of the Flint water crisis.

First, Senator Stabenow, Senator Peters and I wrote a letter to the U.S. Environmental Protection Agency (EPA) asking for clarification on whether federal law permits states to use Safe Drinking Water State Revolving Funds (Revolving Funds) to finance the replacement of privately owned lead water service lines (attached). The EPA responded that the Revolving Funds can in fact be used for this purpose. My office immediately notified both your office and the Michigan Department of Environmental Quality of this fact.

Secondly, the three of us also wrote to Secretary Tom Vilsack requesting that the U.S. Department of Agriculture (USDA) provide greater clarification on the availability of "Ready to Feed" formula for recipients of Special Supplemental Nutrition Program for Women, Infants and Children (WIC) in Flint. Additionally, the letter asks to identify resources to improve the nutrition of Flint residents specifically as it relates to lead, because a certain diet can reduce some of the impact of exposure. The USDA is currently reviewing the letter.

Third, I have been working with the EPA on important revisions to the Lead and Copper Rule that would prevent a public health crisis like the one in Flint from happening again in other communities. I will be providing testimony at a meeting of the National Drinking Water Advisory Council next Wednesday, November 18 on what we have learned firsthand in Flint and the necessary improvements to the Lead and Copper Rule.

I will continue to pursue all of these avenues in order to find assistance for the people of Flint. There are, however, additional steps that need to be taken to remediate the damage done to the people of Flint due to the failures at the state government level, alongside the forgiveness of Flint's Revolving Funds loan debt if that becomes available. I urge state and local partners to work in coordination to fulfill the following requests.

- First, I request that the state of Michigan use its Revolving Funds and other state resources such as the rainy day and general funds to repair the damage done to Flint's water distribution system.

Due to the corrosive nature of the water, conservative estimates show there has been hundreds of millions of dollars of damage done to Flint's water distribution system. The damage to the system will increase maintenance costs resulting in higher rates for Flint water users, who already are burdened by the highest water rates in the state. Furthermore, the presence of over 15,000 lead service lines continues to threaten the quality of the water and creates the potential for future lead exposure through drinking water. As stated previously, the EPA has said that using the Revolving Funds for this purpose is allowed under federal law, and I request the state do so.

- Second, I request the state create a fund for ongoing assistance to the people of Flint to respond to the impacts of lead exposure.

The effects of lead are serious and permanent, with especially harmful impacts on young children and those with weakened immune systems. In discussions with health professionals, they have expressed the need for significant investments in the local health system in order to respond to the widespread exposure of lead to the people of Flint, including monitoring of future lead exposure. This fund should include support for, at a minimum, continuous health monitoring, early education programs, nutrition education, support services for children to succeed in school, and continued exposure prevention efforts. The investments we make now to combat the negative impacts of lead exposure will pay dividends in avoided costs in the future.

- Finally, I again ask that the state immediately reverse course and rescind Flint's obligation to provide $2 million for the cost of connecting to the Detroit water system and refund any money the city of Flint has had to pay.

Requiring a financially distressed city and its people to pay for the state's failures is an abdication of clear responsibility by the state. The state-appointed emergency manager was in charge of the city of Flint during the time that the decision to leave the Detroit system was made. The state – not Flint – created this water crisis, and the state needs to pay to fix it. The $2 million Flint spent to reconnect to the Detroit water system could be used for many other essential services in Flint, such as hiring policemen and firefighters, improving schools and maintaining parks.

In addition to state investments, I encourage the state to request assistance from federal agencies. They have extensive experience working with health, education and nutrition systems nationwide and could provide critical resources to state officials. Specifically, the Centers for Disease Control and Prevention has offered resources if the state requests it. I will work to support any efforts for federal assistance the state makes.

I look forward to working with the state and federal governments to not only provide clean drinking water to the people of Flint immediately, but also repair the damage done to the city's water system and give local health professionals the resources they need to combat the long term impacts of lead exposure.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

Cc:
Senate Republican Leader Arlen Meekhof
Senate Democratic Leader Jim Ananich
Speaker of the House Kevin Cotter
House Democratic Leader Tim Greimel

From: Muchmore, Dennis (GOV)
Sent: Tuesday, November 17, 2015 11:30 AM
To: Wurfel, Sara (GOV); Mcbride, Bill (GOV); Agen, Jarrod (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Subject: RE: request for comment on congressman's letter

I think we should ignore the letter. We gain nothing by responding. I will send to Dan separately unless you all go crazy.

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 10:06 AM
To: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
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From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, November 17, 2015 9:53 AM
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I've attached a copy of a letter Congressman Kildee sent to Gov. Snyder last week concerning Flint water issues.
I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Hollins, Harvey (GOV)
Sent: Tuesday, November 17, 2015 1:19 PM
To: Muchmore, Dennis (GOV)
Cc: Wurfel, Sara (GOV); Mcbride, Bill (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: Re: request for comment on congressman's letter

That's what I suggested; however after given it second thought, I think a simple reply should go something like:

"Thank you for your concerns regarding Flint. I've established a task force of experts who will advise us how to proceed, and I will be more than happy to send you their findings to you."

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)
PPI (Cell)

On Nov 17, 2015, at 11:30 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

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Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Tuesday, November 17, 2015 3:36 PM
To: Mcbride, Bill (GOV)
Cc: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Scott, Allison (GOV); Walsh, John (GOV); Baird, Richard (GOV)
Subject: RE: request for comment on congressman's letter
Attachments: Kildee nov 13 2015 latest letter.pdf

I do not believe we should respond to this over the top letter for both legal and philosophical reasons. Responding to this just feeds his narrative. How about we not issue a letter in response? Here's my issues:

1. First paragraph, top of second page. "...additional steps that need to be taken to remediate the damage done to the people of Flint due to the failures at the state government level, alongside the forgiveness of Flint's Revolving Funds loan debt if that becomes available." All of these emotionally charged and essentially unfounded accusations suggest the state's culpability in levying damages to "the people of Flint". There are definitely people in Flint (mostly poor and without many resources but also many other people) struggling with an old system, brown water, lead and unsavory health problems that have been put through several months of alarm and struggle, but let's try to deal with human beings and not political bombast. Let's identify and solve problems. Literally hundreds of state employees have worked night and day to resolve these issues. Are we going to blame state employees indiscriminately when our people were simply trying to do their jobs to the best of their ability and were unable to anticipate (for whatever reason) all the consequences?
2. First bullet point. "...and other state resources such as the rainy day and general funds to repair damage done...". Sorry, but we're not going to commit the general fund to repair "...Flint's water distribution system." What does that mean? And if we sign on to that then where does it stop and what repairs?
3. Second paragraph. "...hundreds of millions of dollars of damage....". Where did this come from? I take it the Congressman is now a self-appointed expert on water systems and their cost?
4. Second bullet. "...the state create a fund for ongoing assistance...." We already have several funds to deal with lead exposure and we have multiple programs, WIC, Medicaid, health endowment, etc. to assist people in need. Why would we create another fund?
5. Third paragraph. "...need for significant investments in the local health system in order to respond....". We already make significant investments in the local system. They were able to identify the danger early and I would assume they will be significant players in the future. Additionally, DHHS has a myriad of programs already in place to assist the local health system, which I don't need to remind everyone is a city owned hospital and for whatever reason never consulted by the city when the KWA conversion was being studied and proposed. That system also never objected nor tested the Flint River before, even though the river was always the city's source backup. Even the proposal prior to the state's involvement considered using two million gallons of Flint River water and that was a public record. But, that's another issue best left to another time.
6. Third bullet. "...rescind Flint's obligation to provide $2 million for the cost of connecting....". The state gave the city $2.1 million to help the water system during the summer, and part of the agreement to get the $6 million from the legislature for the emergency was contingent on Flint contributing a share.
7. Fourth paragraph. "...for the state's failures is an abdication of clear responsibility....". First of all, it's not a state's failures, it is a perhaps avoidable mistake made with the corrosives that was unacceptable to us, the Director and Governor are taking actions to fix the problems, the health and wellness of the people of Flint is our absolute concern, and it's not an abdication of clear responsibility. The "...state-appointed emergency manager was in charge..." may well be accurate for the physical change, but the decision to leave the Detroit system was made when the city, the Mayor, the council, the county, local leaders and the KWA was devised and that was well before the physical change.

For these reasons and others, I'd prefer Sara's general assistance and aid comments and not responding to the letter.

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Reporter

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DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
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November 13, 2015

Governor Rick Snyder
Executive Office of the Governor
P.O. Box 30013
Lansing, Michigan 48909

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I will continue to pursue all of these avenues in order to find assistance for the people of Flint. There are, however, additional steps that need to be taken to remediate the damage done to the people of Flint due to the failures at the state government level, alongside the forgiveness of Flint's Revolving Funds loan debt if that becomes available. I urge state and local partners to work in coordination to fulfill the following requests.

- First, I request that the state of Michigan use its Revolving Funds and other state resources such as the rainy day and general funds to repair the damage done to Flint's water distribution system.

Due to the corrosive nature of the water, conservative estimates show there has been hundreds of millions of dollars of damage done to Flint's water distribution system. The damage to the system will increase maintenance costs resulting in higher rates for Flint water users, who already are burdened by the highest water rates in the state. Furthermore, the presence of over 15,000 lead service lines continues to threaten the quality of the water and creates the potential for future lead exposure through drinking water. As stated previously, the EPA has said that using the Revolving Funds for this purpose is allowed under federal law, and I request the state do so.

- Second, I request the state create a fund for ongoing assistance to the people of Flint to respond to the impacts of lead exposure.

The effects of lead are serious and permanent, with especially harmful impacts on young children and those with weakened immune systems. In discussions with health professionals, they have expressed the need for significant investments in the local health system in order to respond to the widespread exposure of lead to the people of Flint, including monitoring of future lead exposure. This fund should include support for, at a minimum, continuous health monitoring, early education programs, nutrition education, support services for children to succeed in school, and continued exposure prevention efforts. The investments we make now to combat the negative impacts of lead exposure will pay dividends in avoided costs in the future.

- Finally, I again ask that the state immediately reverse course and rescind Flint's obligation to provide $2 million for the cost of connecting to the Detroit water system and refund any money the city of Flint has had to pay.

Requiring a financially distressed city and its people to pay for the state's failures is an abdication of clear responsibility by the state. The state-appointed emergency manager was in charge of the city of Flint during the time that the decision to leave the Detroit system was made. The state – not Flint – created this water crisis, and the state needs to pay to fix it. The $2 million Flint spent to reconnect to the Detroit water system could be used for many other essential services in Flint, such as hiring policemen and firefighters, improving schools and maintaining parks.

In addition to state investments, I encourage the state to request assistance from federal agencies. They have extensive experience working with health, education and nutrition systems nationwide and could provide critical resources to state officials. Specifically, the Centers for Disease Control and Prevention has offered resources if the state requests it. I will work to support any efforts for federal assistance the state makes.

I look forward to working with the state and federal governments to not only provide clean drinking water to the people of Flint immediately, but also repair the damage done to the city's water system and give local health professionals the resources they need to combat the long term impacts of lead exposure.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

Cc:
Senate Republican Leader Arlen Meekhof
Senate Democratic Leader Jim Ananich
Speaker of the House Kevin Cotter
House Democratic Leader Tim Greimel

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 3:58 PM
To: Muchmore, Dennis (GOV); Mcbride, Bill (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Scott, Allison (GOV); Walsh, John (GOV); Baird, Richard (GOV)
Subject: RE: request for comment on congressman's letter

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We look forward to continuing work with Congressman Kildee and other officials and stakeholders at the federal, state and local levels to bring ideas and resources to bear to ensure public health in Flint and clean, safe drinking water. And again, we have the multiple step action plan as well as the independent, bipartisan task force work underway.

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I do not believe we should respond to this over the top letter for both legal and philosophical reasons. Responding to this just feeds his narrative. How about we not issue a letter in response? Here's my issues:

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system also never objected nor tested the Flint River before, even though the river was always the city's source backup. Even the proposal prior to the state's involvement considered using two million gallons of Flint River water and that was a public record. But, that's another issue best left to another time.

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For these reasons and others, I'd prefer Sara's general assistance and aid comments and not responding to the letter.

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To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Re: request for comment on congressman's letter

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"Thank you for your concerns regarding Flint. I've established a task force of experts who will advise us how to proceed, and I will be more than happy to send you their findings to you."

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)
PPI (Cell)

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Subject: request for comment on congressman's letter

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I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Tuesday, November 17, 2015 4:45 PM
To: Wurfel, Sara (GOV); Mcbride, Bill (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Scott, Allison (GOV); Walsh, John (GOV); Baird, Richard (GOV)
Subject: RE: request for comment on congressman's letter

Very nicely done. Hope you enjoyed my editorializing...

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Subject: request for comment on congressman's letter

Hi Sara:
I've attached a copy of a letter Congressman Kildee sent to Gov. Snyder last week concerning Flint water issues.
I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Mcbride, Bill (GOV)
Sent: Friday, September 25, 2015 10:47 AM
To: Agen, Jarrod (GOV)
Subject: Re: Flint

Ok. I should be seeing Governor shortly. Will see what his reaction is

Sent from my iPhone

> On Sep 25, 2015, at 10:41 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
>
> Dennis sent a note to Gov asking if he wants more info and telling him that Kildee wants a calls.
>
> We will ultimately have to do a call. Don't see how we avoid it. But should be time of our choosing and Gov needs more thorough update beforehand.

From: Mcbride, Bill (GOV)
Sent: Friday, September 25, 2015 3:46 PM
To: Agen, Jarrod (GOV); Muchmore, Dennis (GOV)
Subject: RE: Flint-Kildee Call

The call has been scheduled for 11:30 a.m. Monday

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Friday, September 25, 2015 10:41 AM
To: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint

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From: Mcbride, Bill (GOV)
Sent: Monday, September 28, 2015 5:54 PM
To: Wurfel, Sara (GOV)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

He never mentioned this on the call this morning.

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 5:52 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: FW: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Please see attached and below just in case … sounds like we should have follow up conversation with MSP team and make sure we're coordinating with DEQ, DHHS and Treasury.

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:49 PM
To: Etue, Kriste (MSP) <EtueK@michigan.gov>; Gorski, Gary (MSP) <GorskiG@michigan.gov>; Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Katarsky, Anthony (MSP) <KatarskyA@michigan.gov>; Leix, Ron (MSP) <LeixR@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander

Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Mcbride, Bill (GOV)
Sent: Thursday, October 22, 2015 6:51 PM
To: Agen, Jarrod (GOV); Muchmore, Dennis (GOV)
Subject: Fwd: Join Me Wednesday for an Update on Flint Water

Subject: Join Me Wednesday for an Update on Flint Water

Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

News from Representative Kildee
Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

Dear

The Flint water crisis is a failure of government at every level, and I am committed to increasing transparency and finding answers to ensure that these failures never happen again. That's why I have called for an investigation into the causes of water problems in Flint.

Simply put, high lead levels in Flint's drinking water are unacceptable, and there must be accountability.

As part of my ongoing efforts, I am holding a **telephone town hall with constituents on Wednesday, October 28th, at 7 p.m. ET** to provide an update on my efforts. I'll be joined by both Dr. Mona Hanna-Attisha and Dr. Marc Edwards, who both conducted critical tests that exposed unacceptable lead levels in Flint. On the live call, we will also answer questions from Flint residents.

If you're interested in joining our conversation, please RSVP here, or fill out the form below.

What is your preferred Prefix (Mr./Mrs./Ms./Dr., etc)?
[ ]
What is your First Name?
[ ]
What is your Last Name?
[ ]
What phone number would you like to use to participate in the telephone town hall?
[ ]
What is your Email Address?
[ ]
What is your Address?
[ ]
What is your Zip Code?
[ ]

[RSVP!]

Click to open in a separate window

For months, I have been pressing state and federal agencies for immediate resources and action to improve and restore confidence in water quality. At the federal level, I am pushing for resources to ensure the safety of water, but also make much-needed repairs to our city's aging water system and infrastructure. *The Flint Journal* covered these federal efforts in March. You can view them here.

Additionally, I welcome the announcement recently that the U.S. Environmental Protection Agency will send technical advisors to Flint to assist the city and state. I have repeatedly asked the EPA to send these much-needed experts to help improve the water quality and hopefully restore some public confidence in the safety of our water.

Serious issues remain, and there is a long way to go before complete confidence in the city's drinking water is restored. I am committed to working to ensure that Flint residents get a thorough investigation and answers to their questions.

I hope you'll join me next Wednesday for a telephone town hall update on Flint water.

Sincerely,

Dan Kildee

Washington D.C. Office
227 Cannon HOB
Washington, DC 20515
Phone: (202) 225-3611
Hours: 9:00 a.m. - 6:00 p.m.

District Office
111 East Court Street, #3E
Flint, MI 48502
Phone: (810) 238-8627
Hours: 9:00 a.m. - 5:00 p.m.

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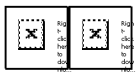

Subject: RDS/BC/EC/ALS - COS Meeting
Location: By Phone

Start: Thu 2/12/2015 2:00 PM
End: Thu 2/12/2015 3:00 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Saunders, Kelli (GOV); Clement, Elizabeth (GOV); Wisniewski, Wendy (GOV); Scott, Allison (GOV)

Confirmed on 2/11/15

Here is the agenda, and call in number for COS at 2:00 p.m.

PPI

Host: 4563 – ALS to dial in as host

COS Agenda
February 12, 2015

Weekly COS Issues

1.
2.
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8.
9.
10.
11. Flint Water
12.
13.

Not Responsive

Not Responsive

Wendy Wisniewski
Executive Assistant to Dennis Muchmore
and Beth Clement
Executive Office of Governor Rick Snyder
George W. Romney Building, 2nd Floor

111 South Capitol Avenue
P.O. Box 30013
Lansing, MI 48909
(517) 241-5601
WisniewskiW@michigan.gov

From: Wisniewski, Wendy (GOV)
Sent: Thursday, February 12, 2015 1:46:20 PM
To: Snyder, Rick (GOV); Calley, Brian (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV)
CC: Saunders, Kelli (GOV)
Subject: COS Agenda

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PPI

PPI

Host: PPI - ALS to dial in as host

COS Agenda

February 12, 2015

Weekly COS Issues

1.
2.
3.
4.
5. **Not Responsive**
6.
7.
8.
9.

10. Not Responsive

11. Flint Water

12. Not Responsive

13.

Wendy Wisniewski

Executive Assistant to Dennis Muchmore

and Beth Clement

Executive Office of Governor Rick Snyder

George W. Romney Building, 2nd Floor

111 South Capitol Avenue

P.O. Box 30013

Lansing, MI 48909

(517) 241-5601

WisniewskiW@michigan.gov

From: Nat Forstner <PPI>
Sent: Monday, October 05, 2015 9:59 AM
To: Calley, Brian (GOV)
Subject: Staff mtg--

Staff mtg--

Dennis provided update on Flint water.

Not Responsive

Sent from my iPhone

From: Forstner, Nathaniel (GOV)
Sent: Wednesday, October 21, 2015 2:28 PM
To: Calley, Brian (GOV)
Subject: FW: NEWS RELEASE: Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

So, I opened up the draft that was distributed earlier this afternoon, found a typo in the first paragraph and decided to see if 17 sets of eyes plus whoever proofs copy in Comms would catch it. Nope.

From: GOV Newsroom [mailto:govnewsroom@govsubscriptions.michigan.gov]
Sent: Wednesday, October 21, 2015 2:07 PM
To: Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>
Subject: NEWS RELEASE: Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Contacts: Sara Wurfel or Dave Murray
517-335-6397

FOR IMMEDIATE RELEASE
Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

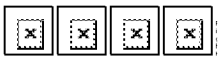
Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan

Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

STAY CONNECTED:



This email was sent to forstnern1@michigan.gov on behalf of: The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48909 · 517-335-7858

From: Nat Forstner <PPI>
Sent: Monday, October 26, 2015 11:08 AM
To: Calley, Brian (GOV)
Subject: Staff mtg

Staff mtg

Not Responsive

Jarod
Flint water--didn't give much of an update.

Not Responsive

Sent from my iPad

From: Forstner, Nathaniel (GOV)
Sent: Monday, November 09, 2015 12:05 PM
To: Calley, Brian (GOV)
Subject: Staff mtg

Not Responsive

Flint water--recall petition filed against G.

Not Responsive

Sent from my iPhone

From: Forstner, Nathaniel (GOV)
Sent: Wednesday, December 09, 2015 12:22 AM
To: Calley, Brian (GOV)
Subject: Staff mtg--

Crap. Forgot to send this to you. Mostly old news now.

Staff mtg--

Not Responsive

Flint--in process of modifying EM order that would strengthen the new mayor's power. Probably won't see any movement until the first of the year. Even with phosphate, lead will still be an issue for the next 2-4 months.

Not Responsive

Sent from my iPad

From: Murray, David (GOV)
Sent: Thursday, December 10, 2015 11:50 AM
To: Agen, Jarrod (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Holland, Meegan (GOV); Hollins, Harvey (GOV); Calley, Brian (GOV); Forstner, Nathaniel (GOV)
Subject: Updated draft of Flint Water Task Force response
Attachments: 2 DRAFT Task Force response.docx

Good morning, team. Here's a new draft of the Flint Task Force response letter incorporating suggestions from Rich. Please let me know if there additional changes I should make, or if you think there are points that need to be included.

Our goals is to have a letter that can be shared later today.

Thank you!

Dave

Flint Water Advisory Task Force Members,

Thank you for your correspondence on Dec. 7, and, most importantly, for your hard work to promote public health and protect our residents as we move forward. Your efforts are both respected and appreciated.

As acknowledged in your letter, we have taken many steps to address the challenges in Flint as they relate to reducing lead exposure. I am pleased to see the progress since October, and recognize there is more work that must be done to ensure that this progress continues.

At the state level, there has been a confluence of efforts between Michigan Departments of Environmental Quality and Health and Human Services to coordinate with the Genesee County Health Department, local schools, and our partners in the non-profit community.

These partners are making progress, and we know we can always strive to improve practices and communication for continual improvement.

You make a solid suggestion about establishing a person who is independent of any one of the involved state agencies or organizations to serve as the point person to coordinate the ongoing work. I am recommending that Harvey Hollins, director of the Office of Urban Initiatives, carry out this effort. Harvey is well-versed in the issue and the challenges faced by our cities and will be effective in this role. He will be assisted by senior members of our executive team to ensure you will have the continued support and cooperation that you need. We also have retained Chris DeWitt, a veteran communications specialist, to strengthen community outreach efforts to make sure residents have access to the information they need.

I also support your suggestion of a dashboard to make information about our work and progress more accessible to the Flint community. These are critical measures that can be used as we look the challenges and progress in Flint, but also can be a part of efforts moving forward in other areas of our state. It's important that people have confidence that we are working to address any problems and will take the necessary actions to improve interaction among city, state and federal agencies. We also will continue to work with the medical community to consider how we can work together on wraparound needs of children who might experience health problems.

People in Flint and across our state deserve safe, clean water. I want them to be confident that the water coming out of their tap is safe for their families. And I want them to trust that their government – at all levels – is working effectively to protect them.

I thank you again for investing your time and expertise to this vitally important effort.

Regards,

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I thank you again for investing your time and expertise to this vitally important effort.

Regards,

From: Holland, Meegan (GOV)
Sent: Thursday, December 24, 2015 10:13:43 AM
To: Calley, Brian (GOV)
Subject: RE: Please provide feedback: Governor's statement on Flint water crisis

Governor Calley,

I've made a note to check on Monday about the OAG release.

And I like your summary of the three points we need to convey. It won't change the coverage by the Freep, Rachel Maddow or Michigan Radio, but it will humanize Gov. Snyder in the eyes of many who are wondering if we have anything to hide.

Regards,

Meegan

From: Calley, Brian (GOV)
Sent: Thursday, December 24, 2015 10:06 AM
To: Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Re: Please provide feedback: Governor's statement on Flint water crisis

I totally agree with going so far as to specifically apologize. I also like Rich's suggestions. The statement should convey three main points: 1) very sorry with no excuses 2) open and transparent 3) urgency in action steps going forward.

I think this statement accomplishes those goals.

On Dec 24, 2015, at 9:53 AM, Baird, Richard (GOV) <{HYPERLINK "mailto:bairdr@michigan.gov"}> wrote:

This is the best narrative I have seen that actually describes how we feel about the situation and our resolve to make things right. A few thoughts:

We might think about a "lead in" to your second para in the statement. Something like "The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, State and Federal officials and complete an independent fact based analysis. They have reviewed hundreds of documents at all levels of government and from the public health science community and continue to do so.

Para 3 might unintentionally suggest that there are public health stakeholders who are not as serious as the governor. This may be an overreach, but may I suggest

"When it comes to matters of health and quality of life, there is simply no room for error in testing for lead and other toxins. I understand there can be disagreements within the scientific community. That is why I have directed my Directors of MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that every testing protocol and conclusion validates that Flint citizens will have safe drinking water, and that we are doing everything possible to ensure proper monitoring and remediation of blood levels and physical or neurological impacts over the long term. And I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened."

Nick and Dan might not like the "invite" but I spoken with them both and they of course will support whatever the Boss decides.

Thanks,

Rich

Sent from my iPad

On Dec 24, 2015, at 7:41 AM, Holland, Meegan (GOV) <{HYPERLINK "mailto:HollandM2@michigan.gov"}> wrote:

> Colleagues:
>
> Many of us have reached the conclusion that our messaging on the Flint water crisis has room for improvement. We haven't conveyed to citizens the depth of our concern over the situation. I've crafted a statement to be made by the Governor, and would like you to review it.
>
> This statement is meant to manage expectations on the timing of concrete conclusions (the task force report may not come out for another month at least) and to signal that action may come sooner than that (we plan to reach out to Mayor Weaver, for example, and perhaps hold a press conference with her in January announcing some next steps).
>
> Here is the statement:
>
> "I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.
>
> "No matter what the testing requirements were, they were not enough to prevent this crisis. I want Michigan to be the state that is known for the safest water in the nation.
>
> "I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. The report may take another month or so, but if we need to make changes more

swiftly, I plan to take immediate action.

"The bottom line is we'll take responsibility for our part in Flint's water crisis. I'm committed to partnering with all of the stakeholders who are as concerned about public health as I am. I vow to make sure that Flint citizens will have safe drinking water. And I'm so very sorry that this happened.

"But I know an apology isn't enough. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

"What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right."

Thank you,

Meegan

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: PPI

Twitter: @meholland

From: Forstner, Nathaniel (GOV)
Sent: Tuesday, January 05, 2016 5:53 PM
To: Calley, PPI

Attorney-Client Privilege

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 5:43 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Forstner, Nathaniel (GOV) <forstnern1@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Adler, Ari (GOV) <AdlerA@michigan.gov>; Brownfield, Michael (GOV) <BrownfieldM2@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Cc: Smith, Paul (GOV) <SmithP29@michigan.gov>; Weber, Travis (GOV) <WeberT7@michigan.gov>; Arwood, Cheri (GOV) <ArwoodC@michigan.gov>; Thomet, Ruth (GOV) <ThometR@michigan.gov>

Attorney-Client Privilege

Jim

Attorney-Client Privilege

James Robert Redford

From: Redford, James (GOV)
Sent: Tuesday, January 05, 2016 5:56 PM
To: Calley, PPI

Attorney-Client Privilege

Thanks.

Jim

Attorney-Client Privilege

James Robert Redford
Legal Counsel
Executive Office of the Governor

From: Calley, PPI
Sent: Tuesday, November 17, 2015 9:10 AM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Subject: Flint Water

I thought this was a good example of something we could do to restore confidence in Flint. We have a ton of water experts in Michigan. Maybe we should adopt different testing protocols if our university experts say it's a good idea or that the federal guidelines are no long best practice. Going above and beyond seems like a good idea to be given everything that has happened.

http://michiganradio.org/post/states-instructions-sampling-drinking-water-lead-not-best-practice#stream/0

From: Calley PPI
Sent: Monday, January 04, 2016 7:55 PM
To: Agen, Jarrod (GOV)
Subject: Flint Declaration

Any way we can issue the declaration tomorrow?

Snyder Gathering Info On Declaring Emergency In Flint

Gov. Rick SNYDER's administration is gathering the "information about the resources needed" to declare a state of emergency in Flint from the lead-in-the-water crisis.

The Governor's office confirmed this after the Genesee County Board of Commissioners voted to declare a state of emergency in Flint today.

Snyder spokesperson Dave **MURRAY** said after the vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with Genesee County on the next steps.

"But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control," Murray said.

Senate Minority Leader Jim ANANICH (D-Flint) issued a statement today, saying, "This is an important step in the process and the Governor should make a swift decision. I'll continue pushing hard to make sure we receive additional resources that address immediate and long-term needs, and that they are used efficiently and effectively."

A Governor's declaration of emergency would trigger more state resources and assistance with the crisis, and locals can request this if the recovery efforts are beyond the ability of the local government.

Return to Top

From: Calley, PPI
Sent: Tuesday, January 05, 2016 8:04 AM
To: Agen, Jarrod (GOV)
Subject: Flint

This kind of coverage sets us back more with the public. Makes it look like the Governor is weighing the pros and cons of declaring an emergency. If we can't do the formal declaration today we need to find a way for him to say he this is obviously an emergency and a declaration is forthcoming.

http://www.detroitnews.com/story/news/politics/michigan/2016/01/04/snyder-flint-emergency-lead-water/78274734/

From: Wurfel, Brad (DEQ)
Sent: Wednesday, December 10, 2014 5:24 PM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Draft Violation Notice for comment
Attachments: Flint DBP MCL 4Q14 draft.doc

City of Flint. Drinking water violation. Seems the extensive treatment they've had to use on the Flint River water is having its own set of side effects.
Last month I learned they have retained Kelly Rossman to help them deal with the messaging around this problem. Nobody on City of Flint's team will be surprised to get this letter. We'll work with them to figure out good partner messaging. Just wanted y'all in the loop.
Welcome to the loop.
b

From: Busch, Stephen (DEQ)
Sent: Wednesday, December 10, 2014 5:11 PM
To: Wurfel, Brad (DEQ); Datema, Maggie (DEQ); Shekter Smith, Liane (DEQ)
Cc: Benzie, Richard (DEQ); Prysby, Mike (DEQ); Rosenthal, Adam (DEQ)
Subject: Draft Violation Notice for comment

Attached is a draft violation notice to the City of Flint regarding the exceedance of the drinking water standard for total trihalomethanes (TTHM).

If you have any comments please let me know by Friday, we would like to mail this out by Monday at the latest. An electronic copy of the signed letter will be provided to Maggie for forwarding to legislative members in the Flint area.

If you have any questions, please contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

December 12, 2014

Mr. Brent Wright, Operation Supervisor
City Of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, MI 48505

WSSN: 02310

Dear Mr. Wright:

SUBJECT: Violation Notice – Maximum Contaminant Level for Total Trihalomethanes
Operational Evaluation – Total Trihalomethanes
3rd Quarter 2014

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), records show that the City of Flint is in violation of the Safe Drinking Water Act,1976 PA 399, as amended (Act 399); R 325.10610*, Maximum contaminant levels* (MCL) *for disinfection byproducts*, of the 1979 Administrative Code.

In accordance with R.325.10610, *MCLs for disinfection byproducts*, of the 1979 Administrative Code, the MCL for disinfection byproduct total trihalomethanes (TTHM) is 0.080 milligrams per liter (mg/L) as a Locational Running Annual Average (LRAA) at each monitoring location. As listed in the table below, our records show that the City of Flint's highest TTHM locational running annual average (LRAA), based on the last three quarters ending November 30, 2014, is 0.099 mg/l which exceeds the standard, and that two of the eight sample site locations exceed the standard of 0.080 mg/L.

Further, in accordance with R325.10719l, Disinfection byproducts: operational evaluation levels, of the 1979 Administrative Code, when an operational evaluation level (OEL) at a monitoring location for TTHM exceeds 0.080 mg/L, a supply shall conduct an operational evaluation and submit a written report of the evaluation to the department not later than 90 days after being notified of the analytical result that causes the supply to exceed the operational evaluation level. As listed in the table below, our records show that TTHM operational evaluation levels for the City of Flint exceed 0.080 mg/L, at four of the City's eight sample site locations.

TTHM Results (mg/L)					
	5/21/14	8/21/14	11/20/14	LRAA	OEL
DBP1 McDonalds 3719 Davison	**0.162**	**0.145**	0.059	**0.092**	**0.106**
DBP2 Liquor Palace 3302 S. Dort Highway	**0.112**	**0.127**	0.033	0.068	0.076
DBP3 North Flint Auto	**0.097**	**0.118**	0.041	0.064	0.074

6204 N. Saginaw St.					
DBP4 University Market 2501 Flushing Road	**0.106**	**0.196**	**0.094**	**0.099**	**0.122**
DBP5 Taco Bell 3606 Corunna Road	0.079	**0.181**	0.034	0.074	**0.082**
DBP6 Rite-Aid Pharmacy 5018 Clio Road	**0.088**	**0.144**	0.054	0.072	**0.085**
DBP7 Salem Housing 3216 MLK Boulevard	**0.082**	**0.112**	0.050	0.061	0.074
DBP8 BP Gas Station 822 S. Dort Highway	0.075	**0.112**	0.036	0.056	0.065

Our investigation consisted of a review of ODWMA files for laboratory reports received for compliance monitoring. Our investigation is considered complete. This violation began on December 1, 2014, and will continue until TTHM LRAA is below the MCL at all sample sites.

Water systems who exceed the OEL must complete and submit an Operational Evaluation in accordance with Administrative Rule 7191(R325.10719l) within 90 days since the start of the violation. The Operational Evaluation must identify possible causes and corrective measures for the elevated TTHM levels. The Operational Evaluation must be completed and received by our office by no later than March 1, 2015.

If you have any factual information you would like us to consider regarding the violation identified in this Notice, please provide them in a written response by January 12, 2015.

Administrative rule R 325.10403 of Act 399 requires that suppliers provide public notice as soon as practical but no later than thirty (30) days after the supplier learns of the violation, by mail or direct delivery **and** by any other means reasonably calculated to reach customers not normally reached by mail. Enclosed is a sample public notice (PN) which contains the minimum required language. The City is encouraged to provide additional information regarding its response to this violation. **Please notify your consumers by January 10, 2015, and send us a signed and dated copy of the notice that you issued within ten (10) days of distributing the public notice**. This violation must be included in your Consumer Confidence Report (CCR,) due by July 1, 2015. The public notification must be repeated every quarter until you no longer exceed the TTHM standard. **Failure to issue a PN for this violation will result in a fine of at least $1,000 per event, with a maximum of $5,000 per violation.** Contact our office for a more complete summary of our fines policies.

We anticipate and appreciate your cooperation in resolving this matter. If you have any questions regarding this Violation Notice, please contact us at the numbers below.

Sincerely,

Michael F. Prysby, P.E., District Engineer
Lansing District Office
Office of Drinking Water & Municipal

Adam Rosenthal, EQA
Lansing District Office
Office of Drinking Water & Municipal

Assistance
517-290-8817

Assistance
517-284-6644

MFP:AR:JR

Enclosure

cc:
Genesee County Health Dept.
Jennifer Crooks, EPA Region 5
Mr. Darnell Early, Emergency Manager, City of Flint
Daughtry Johnson
Howard Croft
Rovert Bincsik
Liane Shekter Smith, P.E.
Richard Benzie, P.E.
Stephen Busch, P.E.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

City of Flint Did Not Meet Treatment Requirements

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Samples were collected for total trihalomethanes (TTHM) analysis from eight locations on a quarterly basis (May 21, August 21, and November 20 of 2014). The average of the results at **ANY** of the eight locations must not exceed the maximum contaminant level (MCL) for TTHMs, otherwise our water system exceeds the MCL. The standard for TTHMs is 80 µg/L. The location reporting the highest TTHM level was 99 ug/L; thus, our water system exceeds the TTHM MCL.

What should I do?

- There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

- You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours.

People who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.

What is being done?

We are currently working on solutions to correct the problem. We anticipate resolving the problem by 2015.

For more information, please contact Mr. Brent Wright at 517-787-6537 or the Flint Water Plant at 4500 North Dort Highway, Flint, MI 48505.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the City of Flint.

CERTIFICATION: WSSN: 02310

I certify that this water supply has fully complied with the public notification requirements in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules.

Signature	Title	Date Distributed

Reminder to water supplier: This notice / certification must be sent to the DEQ.

From: Silfven, Ken (GOV)
Sent: Wednesday, December 10, 2014 5:46 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Draft Violation Notice for comment

Thx B

From: Wurfel, Brad (DEQ)
Sent: Wednesday, December 10, 2014 5:24 PM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Draft Violation Notice for comment

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Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Adams, Dominic [DADAMS5@mlive.com]
Sent: Tuesday, January 13, 2015 9:08 AM
To: Murray, David (GOV)
Subject: Darnell Earley

Dave:

This is Dominic Adams at The Flint Journal. I haven't been able to leave you a message on your cell phone.

I have some questions in relation to Flint Emergency Manager Darnell Earley's appointment as EM of Detroit Public Schools.

When this will take place?

What does this mean for Flint – a new emergency manager, transition advisory board, something else?

What does this mean for the water discussions here?

Please respond as soon as possible.

Thanks,

Dominic Adams | metro reporter |The Flint Journal | 810-241-8803 | dadams5@mlive.com | On Twitter |On Facebook|

From: Fonger, Ronald [RFONGER1@mlive.com]
Sent: Tuesday, January 20, 2015 10:28 AM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Mayor Walling's letter to the governor

Dave/Sara:
Dayne Walling posted the following on his campaign Web site and I'm writing about it today.
Can we got a comment from your office?
Thanks,

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund
- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part.

Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe.

Thank you for your ongoing support.

Sincerely,

Dayne

P.S. -- Please send this to friends and family so they can take action too!

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 20, 2015 11:57 AM
To: Murray, David (GOV)
Subject: Fwd: Mayor Walling's letter to the governor

Are you helping track this down already, Dave?

Sent from my iPhone

Begin forwarded message:

> **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> **Date:** January 20, 2015 at 10:28:22 AM EST
> **To:** "Murray, David (GOV) (MurrayD1@michigan.gov)" <MurrayD1@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Subject: Mayor Walling's letter to the governor**
>
> Dave/Sara:
> Dayne Walling posted the following on his campaign Web site and I'm writing about it today.
> Can we got a comment from your office?
> Thanks,
>
> Friend,
>
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> That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.
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Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe.

Thank you for your ongoing support.

Sincerely,

Dayne

P.S. -- Please send this to friends and family so they can take action too!

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 20, 2015 12:09 PM
To: Murray, David (GOV)
Subject: Re: Mayor Walling's letter to the governor

1st places to start are usually checking with Constits, treasury, and Wendy ...

Sent from my iPhone

On Jan 20, 2015, at 12:06 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> I am. Trying to find out how it was sent, and who it was sent to.
>
> ---
>
> **From:** Wurfel, Sara (GOV)
> **Sent:** Tuesday, January 20, 2015 11:57 AM
> **To:** Murray, David (GOV)
> **Subject:** Fwd: Mayor Walling's letter to the governor
>
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>
> Sent from my iPhone
>
> Begin forwarded message:
>
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> > **Date:** January 20, 2015 at 10:28:22 AM EST
> > **To:** "Murray, David (GOV) (MurrayD1@michigan.gov)" <MurrayD1@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> > **Subject: Mayor Walling's letter to the governor**
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Sincerely,

Dayne

P.S. -- Please send this to friends and family so they can take action too!

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 21, 2015 11:14 AM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Public Meeting Carpool

Not to overdo it, but FYI I just talked with Stanton to brief him and offer a phone call between the new EM and Wyant today, just so the guy has his feet under him tonight.
b

From: Silfven, Ken (GOV)
Sent: Wednesday, January 21, 2015 10:42 AM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Public Meeting Carpool

Thanks B.
Sara/Dave – please note reference to city's letter to gov as well tonight's meeting, in case the MLive folks, etc. come your way.
Ken

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 21, 2015 10:19 AM
To: Silfven, Ken (GOV)
Subject: FW: Flint Public Meeting Carpool
Importance: High

See below. There's a public meeting in the city of Flint tonight regarding the ongoing challenges with their drinking water system. The public has concerns – some the result of the city's poor communication efforts, some (I suspect) the result of folks who stir the public fear pot for political leverage. But the City apparently sent a letter to the Governor today. I have not seen it, but wanted to put a flare in the air. See below.
b

From: Busch, Stephen (DEQ)
Sent: Wednesday, January 21, 2015 9:48 AM
To: Wurfel, Brad (DEQ)
Cc: Shekter Smith, Liane (DEQ); Prysby, Mike (DEQ)
Subject: RE: Flint Public Meeting Carpool

Brad,

Mike and I are available most of the day. I have a conference call 11-12 and an offsite meeting 2:30-4:30. Just come down to the first floor whenever you have time.

The issue has further escalated this morning with a letter from the Flint Mayor to the Governor requesting additional assistance.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance

MDEQ
517-643-2314

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 21, 2015 9:45 AM
To: Busch, Stephen (DEQ)
Subject: RE: Flint Public Meeting Carpool

Steve, thanks and my apologies for missing our confab yesterday afternoon. SOS stuff made for a crazy day.
Not sure I'm going to make it to Flint tonight, but wanted to spend a few minutes today if you've got time.
Bluntly, I have tremendous confidence in you and Mike to handle yourselves admirably with the public and press.
My only concern is that the City has communicated so poorly that we could end up in position to serve as their defacto spokespeople.
Let me know if you've got a few today.
b

From: Busch, Stephen (DEQ)
Sent: Tuesday, January 20, 2015 3:45 PM
To: Wurfel, Brad (DEQ)
Subject: Flint Public Meeting Carpool

Brad,

Mike and I were planning to carpool up to Flint tomorrow night. Did you want to carpool as well? Just let us know. Thanks.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, January 21, 2015 4:35 PM
To: Murray, David (GOV)
Subject: Flint

Jerry Ambrose and his management team are working diligently to ensure Flint residents have access to clean, safe water. To that end, a consultant is being brought in to advise the city on appropriate next steps.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

Treasury staff is also in regular contact with both the city and DEQ and will be providing support as appropriate.

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, January 21, 2015 4:56 PM
To: Murray, David (GOV)
Subject: RE: Flint

You are welcome, sir!!

From: Murray, David (GOV)
Sent: Wednesday, January 21, 2015 4:48 PM
To: Stanton, Terry A. (Treasury)
Subject: RE: Flint

I think that's great! Ron Fonger was one reporter, and I'll send along the other.

Very much appreciate you grabbing this one!

Dave

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From: Stanton, Terry A. (Treasury)
Sent: Wednesday, January 21, 2015 4:57 PM
To: Murray, David (GOV)
Subject: RE: Flint

:)

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Sent: Wednesday, January 21, 2015 4:56 PM
To: Stanton, Terry A. (Treasury)
Subject: RE: Flint

You still get cookies.

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Subject: RE: Flint

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From: Stanton, Terry A. (Treasury)
Sent: Thursday, January 22, 2015 4:59 PM
To: Murray, David (GOV)
Subject: RE: Big Flint meeting

Will get you some additional info…what's "soon?" Tonight…over the weekend?

From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 4:18 PM
To: Stanton, Terry A. (Treasury)
Subject: Big Flint meeting

Hi Terry,

Sara and Jarrod asked me to touch base about the big water meeting in Flint last night. There's a chance G will encounter some Flint television reporters soon.

The info you provided yesterday was great.

Do you or Jerry have any talking points about the issue that we could give the governor, and is there anything in particular you think he should say if asked about the situation?

Thank you very much!

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Stanton, Terry A. (Treasury)
Sent: Thursday, January 22, 2015 5:43 PM
To: Murray, David (GOV)
Subject: Flint
Attachments: Flint Water TPs.docx

Importance: High

Dave…

Please see the attached, which includes the info I shared yesterday. I have asked Brad at DEQ if he has anything more, as they have had more involvement on the water issue. I will forward anything he sends me. I believe there is a meeting next week with the G to discuss this issue, though clearly he may face media questions well before that occurs.

We suggest the G say the ***residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible (as we have with other issues, ie, crime).***

I cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc.

As you will see in the document, the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Hope this helps.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Stanton, Terry A. (Treasury)
Sent: Thursday, January 22, 2015 5:46 PM
To: Murray, David (GOV)
Subject: RE: Flint

Not a prob. Hope it works for you.

From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 5:45 PM
To: Stanton, Terry A. (Treasury)
Subject: RE: Flint

You are fantastic! Sorry I held you up. Thank you, Terry!

From: Stanton, Terry A. (Treasury)
Sent: Thursday, January 22, 2015 5:43 PM
To: Murray, David (GOV)
Subject: Flint
Importance: High

Dave…

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As you will see in the document, the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Hope this helps.

From: Paciorek, Josh (GOV)
Sent: Monday, January 26, 2015 9:26 AM
To: Murray, David (GOV)
Subject: RE: Hit Time and Focus for Today's 11a b

Yup—Jarrod forward me those documents and I just resent them around to the team. I think we're all set

Thanks, Dave

From: Murray, David (GOV)
Sent: Monday, January 26, 2015 9:25 AM
To: Paciorek, Josh (GOV)
Subject: Re: Hit Time and Focus for Today's 11a b

You all set on the Flint water? I sent points from Terry to Sara and Jarrod last week.

Sent from my iPhone

On Jan 26, 2015, at 9:15 AM, Paciorek, Josh (GOV) <PaciorekJ@michigan.gov> wrote:

> Hi team,
>
> Here are the talking points regarding Flint water, the doc addressing Flint' Water Concerns, and the Gov's statement on Not Responsive
>
> I don't think the Gov has said anything public regarding Flint water, but I doubled check and still didn't find any articles, quotes, etc. There was this article about Mayor Walling's letter to the gov regarding Flint water: http://www.mlive.com/news/flint/index.ssf/2015/01/flint_mayor_asks_governor_for.html
>
> Josh
>
> ---
>
> **From:** Agen, Jarrod (GOV)
> **Sent:** Monday, January 26, 2015 8:52 AM
> **To:** Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
> **Subject:** RE: Hit Time and Focus for Today's 11a b
>
> I've asked Josh to pull Gov's statement on Not Responsive, refresh Gov.
> Also – we'll need anything state has said on Flint water (if anything).
>
> ---
>
> **From:** Wurfel, Sara (GOV)
> **Sent:** Monday, January 26, 2015 8:50 AM
> **To:** Agen, Jarrod (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
> **Subject:** FW: Hit Time and Focus for Today's 11a b
> **Importance:** High
>
> FYI

From: Malzberg, Marie [mailto:Marie.Malzberg@turner.com]
Sent: Monday, January 26, 2015 8:46 AM
To: Wurfel, Sara (GOV)
Subject: Hit Time and Focus for Today's 11a b
Importance: High

Good Morning Sara!

As of now, we have Governor Snyder hitting with John Berman and Kate Bolduan at about 11:20a ET. The FOX studio is good to go!

Thanks again!
Marie

MARIE MALZBERG
CNN SR. EDITORIAL PRODUCER
212-275-8261
917-751-5728
MARIE.MALZBERG@TURNER.COM
@MARIECNN

<Adressing Flint's Water Concerns final.docx>

<Flint Water TPs.docx>

<PR.150116.SameSex.docx>

From: Chastity Pratt [cpratt@bridgemi.com]
Sent: Monday, January 26, 2015 11:53 AM
To: Murray, David (GOV)
Subject: Story on Flint drinking water

Hi, Dave,
I am working on a deadline story about Flint's drinking water. My story will focus on state involvement and state policy.

My major questions:
1. What is the governor's response to the letter Mayor Walling sent last week asking for assistance?
2. What other state agencies - if any - can help residents (especially the poor) who are asking for help filtering water or getting higher quality water?
3. Essentially - with some residents complaining about the water quality - what the can the state do to help?

Could you please give me a comment/call today?

--
Chastity Pratt Dawsey
Reporter
Bridge Magazine/The Center for Michigan
28 W. Adams Suite 330, Detroit, MI 48226
www.bridgemi.com
C: PPI

From: Chastity Pratt <cpratt@bridgemi.com>
Sent: Monday, January 26, 2015 12:11 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

Good idea!

I called the Flint EM directly but will call Terry, too!

Thanks,
-cpd

On Mon, Jan 26, 2015 at 12:06 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
Sure thing, but have you contacted Terry Stanton in Treasury? He's the place to start, as EMs fall under Treasury.

Sent from my iPad

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C: PPI

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www.bridgemi.com

C: PPI

From: Chastity Pratt <cpratt@bridgemi.com>
Sent: Monday, January 26, 2015 12:27 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

Gotcha. At the same time, could you also provide a comment since the letter was addressed to the governor?

My story will highlight that the mayor asked for some increased state involvement, investment and policy changes; specifically, he recommended/asked that:
1. Water testing data be reported publicly no less than quarterly by law in all Michigan communities in Flint's population category
2. Federal and State partnerships be designed to establish new Drinking Water Emergency Assistance Fund for the elderly and vulnerable families
3. Water systems improvements outlined in the City of Flint Capital Improvement Plan be accelerated through Federal and State Investments; State approves City of Flint's Distressed Cities Fund applications

Which of these is doable or under consideration?

On Mon, Jan 26, 2015 at 12:13 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
He's the expert on all things Flint water.

Sent from my iPad

On Jan 26, 2015, at 12:11 PM, Chastity Pratt <cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>> wrote:

Good idea!

I called the Flint EM directly but will call Terry, too!

Thanks,
-cpd

On Mon, Jan 26, 2015 at 12:06 PM, Murray, David (GOV)
<MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>> wrote:
Sure thing, but have you contacted Terry Stanton in Treasury? He's the place to start, as EMs fall under Treasury.

Sent from my iPad

On Jan 26, 2015, at 11:53 AM, Chastity Pratt
<cpratt@bridgemi.com<mailto:cpratt@bridgemi.com><mailto:cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>>> wrote:

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My major questions:
1. What is the governor's response to the letter Mayor Walling sent last week asking for assistance?
2. What other state agencies - if any - can help residents (especially the poor) who are asking for help filtering water or getting higher quality water?
3. Essentially - with some residents complaining about the water quality - what the can the state do to help?

Could you please give me a comment/call today?

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Chastity Pratt Dawsey
Reporter
Bridge Magazine/The Center for Michigan
28 W. Adams Suite 330, Detroit, MI 48226
www.bridgemi.com<http://www.bridgemi.com><http://www.bridgemi.com>
C: PPI <tel:3 PPI >

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From: Chastity Pratt <cpratt@bridgemi.com>
Sent: Monday, January 26, 2015 12:33 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

I have been in contact with Steve Busch at DEQ. He's working on getting some responses for me.

On Mon, Jan 26, 2015 at 12:29 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
You might want to run some of those past Brad Wurfel at the DEQ, too. He's the expert of some off the technical questions.

Sent from my iPad

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Reporter
Bridge Magazine/The Center for Michigan
28 W. Adams Suite 330, Detroit, MI 48226
www.bridgemi.com
C: [redacted]

From: Wurfel, Sara (GOV)
Sent: Monday, January 26, 2015 12:59 PM
To: Tommasulo, Karen (DEQ); Silfven, Ken (GOV); Brown, Jessica (GOV)
Cc: Wurfel, Brad (DEQ); Murray, David (GOV)
Subject: RE: Call from Bridge magazine on Flint water

Thanks for the note and heads up, Karen.

This really need to be a conversation that's had with our teams (Gov, DEQ & Treasury) real quick. It's likely that you or Treasury are going to need to be the leads, *not* the governor's office.

Apparently, FYI, one of your folks (Steve Busch) has already had long conversations with Chastity, who is a tenacious reporter just in case you may not be familiar with her.

Looping in Dave M who's helping pull background and latest on this together. He'll be in touch asap.

Thanks much,
SW

From: Tommasulo, Karen (DEQ)
Sent: Monday, January 26, 2015 11:37 AM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Call from Bridge magazine on Flint water

Chastity Pratt from Bridge magazine contacted our drinking water staff to ask about the letter Mayor Walling sent the Governor requesting assistance on the city's drinking water situation. I had staff direct the call to your office.

Let me know if you'd like us to respond in some fashion. Thanks!

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

From: Tommasulo, Karen (DEQ)
Sent: Monday, January 26, 2015 2:01 PM
To: Murray, David (GOV)
Subject: FW: interview for article on Flint drinking water

Hi Dave,
Here's the info Steve Busch on our drinking water staff has already sent to Chastity. I didn't realize the question on the mayor's letter to the Governor was just one question in a string of them, so it looks like he did provide quite a bit of information already. However, he has not had any other conversation with her.

Sara said you would be in touch on coordinating a response, so I wanted to make sure you had all the info. Let me know how you'd like to proceed. Karen

---

From: Busch, Stephen (DEQ)
Sent: Monday, January 26, 2015 1:09 PM
To: Wurfel, Brad (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Datema, Maggie (DEQ); Tommasulo, Karen (DEQ)
Subject: FW: interview for article on Flint drinking water

FYI. Bridge Magazine request for information. See below. Note Letter to Governor office deferred to Governor's Office at this time.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Busch, Stephen (DEQ)
Sent: Monday, January 26, 2015 1:07 PM
To: 'Chastity Pratt'
Subject: RE: interview for article on Flint drinking water

Ms. Pratt Please see responses to your questions below.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Chastity Pratt [mailto:cpratt@bridgemi.com]
Sent: Monday, January 26, 2015 11:35 AM
To: Busch, Stephen (DEQ)
Subject: interview for article on Flint drinking water

Hi,
I am a reporter for Bridge Magazine working on a deadline story about Flint's drinking water. My story will focus on state involvement and state policy.

My major questions:

1. Several agencies and officials are involved - can you clarify DEQ's role in the Flint water situation?

The City of Flint water system is one of over 1400 Community Water Systems in Michigan regulated under the Michigan Safe Drinking Water Act (1976 Public Act 399, as amended), which incorporates requirements of the federal Safe Drinking Water Act. The DEQ Office of Drinking Water and Municipal Assistance has been given authority for oversight of these regulations. DEQ regulatory oversight is mainly conducted through inspections, review of monitoring information (this includes sample results and operations data), issuance of construction permits for water systems, and planning (reliability, emergency response, capital improvement, operation and maintenance, etc.) As both community water systems and the DEQ desire the mutual goal of safe water, the DEQ works proactively in partnership with water systems to provide compliance assistance. This also includes activities such as source water protection and infrastructure funding.

2. What is the DEQ's response to the mayor's request for assistance?

As indicated by phone this letter was directed to the Governor's Office and should be followed up with that office for response at this point in time.

3. What on-going testing is DEQ doing with Flint water and how often?

The City is required to follow all state and federal monitoring requirements under Act 399. This includes sample analysis of over 90 contaminants with health based drinking water standards along with monitoring of its source, treatment, and distribution operations. Sample analysis frequency is based on the specific contaminant type, its level of detection if any, and its potential variability.

In regards to total coliform and e.coli bacteria compliance monitoring, the City is required to analyze at least 100 samples each monthly compliance period from its distribution system.

In regards to Total Trihalomethane (TTHM) compliance monitoring, the City is required to collect quarterly samples from 8 locations in its distribution system. The TTHM standard is based on a Running Annual Average for each of the 8 locations, rather than individual sample results. The location and timing of these samples is based on worst case conditions in the water system to identify the highest level of long term exposure.

4. So far, how many drinking water violations have occurred in Flint since the switch to Flint River water and what sanctions - if any - does the city face?

The City has had the following Maximum Contaminant Level (MCL) standard violations:
E.Coli Acute bacteria MCL violation, August 2014
Total Coliform bacteria MCL violation, September 2014
TTHM locational running annual average MCL violation, October-December quarter (2 of 8 sites)

There are generally two requirements in regards to the violations: Public Notification and corrective action
Public Notice for acute health threats like the e.coli MCL must be made within 24 hours of the violation.
Public Notice for non-acute health threats such as total coliform bacteria and TTHM must be made within 30 days of the violation.

Corrective action regarding bacteria detections generally involves taking steps to disinfect and repair the affected areas and sampling to obtain confirmation the bacteria source is has been addressed.

The City has remained in compliance with this standard for each of the monthly monitoring periods since September, including thus far in January

Corrective action for TTHM involves taking steps to reduce the amount of TTHM so that they are below the standard. The City is required to complete an Operational Evaluation report within 90 days of the violation. This report includes examination of treatment and distribution operational practices (source water quality, treatment changes, storage tank operations, excess storage capacity, distribution system flushing, treatment problems that contribute to TTHM formation. The City proactively completed an Operational Evaluation following sample results from August 2014, and is now completing another operational evaluation further evaluated based on information from the November monitoring. November monitoring showed individual sample results now below the standard at 7 of 8 locations. However, as noted compliance is determined based on a running annual average at each location.

5. What does DEQ tell Flint residents who call DEQ with concerns about discolored water?

Callers indicating discoloration or other aesthetic water quality issues are directed to contact the Flint DPW to allow the DPW staff to investigate the situation. Generally color, odor and taste are aesthetic water quality issues not related to any health based standards including total coliform bacteria, e.coli bacteria, and TTHM.

Treated water is monitored for color at the Water Treatment Plant as part of its operation, and has not been abnormal. The City of Flint has over 500 miles of distribution piping and conditions in some isolated sections of water main piping or private premise plumbing may cause changes to aesthetic conditions such as color, taste, or odor.

Those are my major questions. Could you please give me a call today?

--
Chastity Pratt Dawsey
Reporter
Bridge Magazine/The Center for Michigan
28 W. Adams Suite 330, Detroit, MI 48226
www.bridgemi.com
C: PPI

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Monday, January 26, 2015 4:06 PM
To: Murray, David (GOV)
Subject: FW: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

From: Fonger, Ronald
Sent: Monday, January 26, 2015 2:28 PM
To: Murray, David
Subject: dayne walling/request for comment

Dave:
I'm attaching an op-ed that Flint Mayor Dayne Walling has given MLive-The Flint Journal. I'm writing a story about his request that the governor visit Flint.
I did hear back from Terry Stanton the last time we asked for a response to the mayor's water improvement plan and I used his comments, however Walling has told me since that he's expecting a response from the governor himself and I'll probably be using that in the story I'm working on also.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

By Flint Mayor Dayne Walling

Access to safe and clean water is a basic human right. And a citizen's right to safe drinking water should not be based on how much money you earn, the neighborhood you live in or if your local government is under the control of an emergency manager.

All citizens have a fundamental right to know that such a critical resource as their water supply is safe and accessible. But that is not happening in Flint at the moment.

That is why, on January 18th, I forwarded a request that Governor Snyder adopt my Flint Water Improvement Plan. My plan, focused on the areas of safety, quality, access, investment and education, starts by calling for 100 percent safety as the standard for water.

The plan calls for reporting of water testing to the public by city officials, an amnesty program to reduce fees for Flint water turn-ons, accelerated water system capital improvements and partnerships with community organizations to help with water payment assistance. I'm also reaching out to other state and elected officials for support.

The request comes as residents, as evidenced in a series of recent community meetings, continue to have concerns about the quality of Flint's water. Earlier in 2014, several boil-the-water advisories were issued by the city because of issues with bacteria found in water in some parts of Flint. Gov. Snyder's appointed emergency manager recently told customers that Flint was in violation of the Safe Drinking Water Act because of the high level of trihalomethane (TTHM) -- a byproduct of chlorination -- in drinking water samples last year.

A contradictory order from the city saying the water was safe but could present risks for infants, the elderly and those with compromised immune systems confused residents further and compounded the worries of Flint's vulnerable populations. Marry that with costly water rates that have threatened individuals' access and you have the crisis of concern and confidence swirling in Flint today.

Sadly, because Flint is under Michigan's controversial emergency manager system of governance, locally elected officials have been largely limited to serving as sounding boards to justifiably worried Flint residents.

This is unacceptable. Not only should Governor Snyder visit Flint in the midst of this ongoing crisis, but his administration should make it the priority that the community expects.

It's time for the Snyder administration to do what is best for the citizens of Flint---immediately. There is nothing more important in Flint right now than fixing the water problems.

This will take time and money so the sooner the new investments are made, the better.

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Sent: Monday, January 26, 2015 4:07 PM
To: Murray, David (GOV)
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Sent: Monday, January 26, 2015 4:13 PM
To: Murray, David (GOV)
Subject: FW: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

Have you already coordinated with Treasury/DEQ and drafted a response?

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Monday, January 26, 2015 3:54 PM
To: Wurfel, Sara (GOV)
Subject: FW: dayne walling/request for comment

Hi Sara:
I'm sorry, but I am having to turn this around quickly wanted to make sure I was able to reach someone

---

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To: Murray, David (GOV)
Subject: RE: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

Dave:
Just looking to see if your office wants to comment.
Sorry about the mix-up

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Sent: Monday, January 26, 2015 4:10 PM
To: Fonger, Ronald
Subject: RE: dayne walling/request for comment

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Reporter

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From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Monday, January 26, 2015 4:50 PM
To: Murray, David (GOV)
Subject: RE: dayne walling/request for comment

Got it. Thanks dave

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 26, 2015 4:38 PM
To: Fonger, Ronald
Subject: RE: dayne walling/request for comment

Hi Ron,

You can attribute this to me.

Flint residents deserve clean, safe water. Flint Emergency Manager Jerry Ambrose, his management team and the state Department of Environmental Quality are working to ensure that. The state government will be a resource where and when possible, as it has been for other important issues affecting the city.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Monday, January 26, 2015 4:22 PM
To: Murray, David (GOV)
Subject: RE: dayne walling/request for comment

Ok. I'll wait to post.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 26, 2015 4:17 PM
To: Fonger, Ronald
Subject: RE: dayne walling/request for comment

Yes. Will have something.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
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Subject: FW: dayne walling/request for comment

From: Fonger, Ronald
Sent: Monday, January 26, 2015 2:28 PM
To: Murray, David
Subject: dayne walling/request for comment

Dave:
I'm attaching an op-ed that Flint Mayor Dayne Walling has given MLive-The Flint Journal. I'm writing a story about his request that the governor visit Flint.
I did hear back from Terry Stanton the last time we asked for a response to the mayor's water improvement plan and I used his comments, however Walling has told me since that he's expecting a response from the governor himself and I'll probably be using that in the story I'm working on also.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stanton, Terry A. (Treasury)
Sent: Monday, January 26, 2015 5:00 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

Not sure there is much more to say at this point.

TS

On Jan 26, 2015, at 4:42 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Terry,
>
> Thanks for your help on all this. I was planning to give Chastity a variation of the quote you gave me last week, unless you think we should take a different approach. Thanks for all your help on all this. Here was the quote from last week: -
>
> Flint residents deserve clean, safe water. Flint Emergency Manager Jerry Ambrose, his management team and the state Department of Environmental Quality are working to ensure that. The state government will be a resource where and when possible, as it has been for other important issues affecting the city.
>
> Thanks!
>
> Dave
> **From:** Chastity Pratt [mailto:cpratt@bridgemi.com]
> **Sent:** Monday, January 26, 2015 12:27 PM
> **To:** Murray, David (GOV)
> **Subject:** Re: Story on Flint drinking water
>
> Gotcha. At the same time, could you also provide a comment since the letter was addressed to the governor?
>
> My story will highlight that the mayor asked for some increased state involvement, investment and policy changes; specifically, he recommended/asked that:
> 1. Water testing data be reported publicly no less than quarterly by law in all Michigan communities in Flint's population category
> 2. Federal and State partnerships be designed to establish new Drinking Water Emergency Assistance Fund for the elderly and vulnerable families
> 3. Water systems improvements outlined in the City of Flint Capital Improvement Plan be accelerated
> through Federal and State Investments; State approves City of Flint's Distressed Cities Fund applications
>
> Which of these is doable or under consideration?
>
> On Mon, Jan 26, 2015 at 12:13 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

He's the expert on all things Flint water.

Sent from my iPad

From: Chastity Pratt <cpratt@bridgemi.com>
Sent: Monday, January 26, 2015 11:27 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

Thanks!

On Mon, Jan 26, 2015 at 5:15 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Hi Chastity, here you go:

Flint residents deserve clean, safe water. Emergency Manager Jerry Ambrose and his management team are working closely with the state Department of Environmental Quality on a variety of aspects regarding the city's water supply. The state government has worked closely with Flint leaders on a number of issues affecting residents, such as public safety. State agencies will continue to be a resource where and when possible on this and other issues.

Dave

From: Chastity Pratt [mailto:cpratt@bridgemi.com]
Sent: Monday, January 26, 2015 12:33 PM
To: Murray, David (GOV)
Subject: Re: Story on Flint drinking water

I have been in contact with Steve Busch at DEQ. He's working on getting some responses for me.

On Mon, Jan 26, 2015 at 12:29 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

You might want to run some of those past Brad Wurfel at the DEQ, too. He's the expert of some off the technical questions.

Sent from my iPad

On Jan 26, 2015, at 12:27 PM, Chastity Pratt <cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>> wrote:

Gotcha. At the same time, could you also provide a comment since the letter was addressed to the governor?

My story will highlight that the mayor asked for some increased state involvement, investment and policy changes; specifically, he recommended/asked that:
1. Water testing data be reported publicly no less than quarterly by law in all Michigan communities in Flint's population category
2. Federal and State partnerships be designed to establish new Drinking Water Emergency Assistance Fund for the elderly and vulnerable families
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Which of these is doable or under consideration?

On Mon, Jan 26, 2015 at 12:13 PM, Murray, David (GOV)
<MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>> wrote:
He's the expert on all things Flint water.

Sent from my iPad

On Jan 26, 2015, at 12:11 PM, Chastity Pratt
<cpratt@bridgemi.com<mailto:cpratt@bridgemi.com><mailto:cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>>> wrote:

Good idea!

I called the Flint EM directly but will call Terry, too!

Thanks,
-cpd

On Mon, Jan 26, 2015 at 12:06 PM, Murray, David (GOV)
<MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov><mailto:MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>>> wrote:
Sure thing, but have you contacted Terry Stanton in Treasury? He's the place to start, as EMs fall under Treasury.

Sent from my iPad

On Jan 26, 2015, at 11:53 AM, Chastity Pratt
<cpratt@bridgemi.com<mailto:cpratt@bridgemi.com><mailto:cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>><mailto:cpratt@bridgemi.com<mailto:cpratt@bridgemi.com><mailto:cpratt@bridgemi.com<mailto:cpratt@bridgemi.com>>> wrote:

Hi, Dave,
I am working on a deadline story about Flint's drinking water. My story will focus on state involvement and state policy.

My major questions:
1. What is the governor's response to the letter Mayor Walling sent last week asking for assistance?
2. What other state agencies - if any - can help residents (especially the poor) who are asking for help filtering water or getting higher quality water?
3. Essentially - with some residents complaining about the water quality - what the can the state do to help?

Could you please give me a comment/call today?

--
Chastity Pratt Dawsey
Reporter
Bridge Magazine/The Center for Michigan
28 W. Adams Suite 330, Detroit, MI 48226
www.bridgemi.com<http://www.bridgemi.com><http://www.bridgemi.com><http://www.bridgemi.com>
C: PPI <tel: PPI ><tel: PPI <tel: PPI >>

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Chastity Pratt Dawsey
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C: PPI

From: Walter Smith-Randolph <wsmithrandolph@sbgtv.com>
Sent: Tuesday, January 27, 2015 11:25 AM
To: Murray, David (GOV)
Subject: Flint Mayor's letter to Governor Snyder regarding water

Hey Dave,

Wondering if Governor Snyder has responded to Flint mayor Dayne Walling's letter regarding Flint's water problems. Will the governor visit Flint or meet with local leaders to talk about the issues going on with the water in the city.

Hoping to hear from you soon,
Walter

Walter Smith-Randolph
WEYI TV25 - WBSF TV46 – EEYI (Bounce)
www.miNBCnews.com
Reporter/Anchor

Twitter: @WalterReports
Phone: 810.687.1000 x 259
Cell: [redacted]
Fax: 810.687.9612

From: Walter Smith-Randolph <wsmithrandolph@sbgtv.com>
Sent: Tuesday, January 27, 2015 12:27 PM
To: Murray, David (GOV)
Subject: RE: Flint Mayor's letter to Governor Snyder regarding water

Thank you!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, January 27, 2015 12:07 PM
To: Walter Smith-Randolph
Subject: RE: Flint Mayor's letter to Governor Snyder regarding water

Hi Walter,

You can attribute this to me!

There has been a great deal of work on this issue. Gov. Snyder believes that Flint residents deserve clean, safe water. Flint Emergency Manager Jerry Ambrose, his management team and the state Department of Environmental Quality are working to ensure that. The state government has been, and will continue to be, a resource where and when possible to help city leaders, as it has been for other issues affecting residents, such as public safety.

Dave

From: Walter Smith-Randolph [mailto:wsmithrandolph@sbgtv.com]
Sent: Tuesday, January 27, 2015 11:25 AM
To: Murray, David (GOV)
Subject: Flint Mayor's letter to Governor Snyder regarding water

Hey Dave,

Wondering if Governor Snyder has responded to Flint mayor Dayne Walling's letter regarding Flint's water problems. Will the governor visit Flint or meet with local leaders to talk about the issues going on with the water in the city.

Hoping to hear from you soon,
Walter

Walter Smith-Randolph
WEYI TV25 - WBSF TV46 – EEYI (Bounce)
www.miNBCnews.com
Reporter/Anchor

Twitter: @WalterReports
Phone: 810.687.1000 x 259

Cell: PPI
Fax: 810.687.9612

From: Brown, Jessica (GOV)
Sent: Tuesday, January 27, 2015 1:16 PM
To: Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ); Feuerstein, Heather (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Water Call

Importance: High

Let's plan on 1:30 – Thanks a bunch Terry and Heather. Conference line below:

PPI
Code: **PPI**
*SW/DM will host

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, January 27, 2015 12:52 PM
To: Brown, Jessica (GOV); Wurfel, Brad (DEQ)
Subject: RE: Flint Water Call

Works here.

From: Brown, Jessica (GOV)
Sent: Tuesday, January 27, 2015 12:50 PM
To: Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ)
Subject: RE: Flint Water Call

Any chance you can both do 1:30?

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, January 27, 2015 12:22 PM
To: Brown, Jessica (GOV); Wurfel, Brad (DEQ)
Subject: RE: Flint Water Call

I will be at my desk between now and 1.

From: Brown, Jessica (GOV)
Sent: Tuesday, January 27, 2015 12:13 PM
To: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury)
Subject: Flint Water Call
Importance: High

Hi Brad and Terry –

Do you each have about 15 minutes available in the near/immediate future to hop on a quick call with Sara and Dave? Want to make sure all on same page for Flint water issue. If we could find a time window between now and 1 that would be ideal – otherwise Sara and Dave can do between 1:30-2:30.

Please let me know ASAP. Thanks much!

Jessica M. Brown
Communications Associate
Executive Office of the Governor, Rick Snyder
O: 517-335-6397
M: PPI
Brownj53@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Tuesday, January 27, 2015 2:04 PM
To: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint DBP MCL 4Q14
Attachments: Flint DBP MCL 4Q14.doc

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

December 15, 2014

Mr. Brent Wright, Operation Supervisor
City Of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, MI 48505

WSSN: 02310

Dear Mr. Wright:

SUBJECT: Violation Notice – Maximum Contaminant Level for Total Trihalomethanes
Operational Evaluation – Total Trihalomethanes
4th Quarter 2014 Monitoring Period

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), records show that the City of Flint is in violation of the Safe Drinking Water Act,1976 PA 399, as amended (Act 399); R 325.10610*, Maximum contaminant levels* (MCL) *for disinfection byproducts*, of the 1979 Administrative Code.

In accordance with R.325.10610, *MCLs for disinfection byproducts*, of the 1979 Administrative Code, the MCL for disinfection byproduct total trihalomethanes (TTHM) is 0.080 milligrams per liter (mg/L) as a Locational Running Annual Average (LRAA) at each monitoring location. As listed in the table below, our records show that the City of Flint's highest TTHM locational running annual average (LRAA), based on the last three quarters, ending November 30, 2014, is 0.099 mg/l which exceeds the standard, and that two of the eight sample site locations exceed the standard of 0.080 mg/L.

Further, in accordance with R325.10719l, *Disinfection byproducts: operational evaluation levels*, of the 1979 Administrative Code, when an operational evaluation level (OEL) at a monitoring location for TTHM exceeds 0.080 mg/L, a supply shall conduct an operational evaluation and submit a written report of the evaluation to the department not later than 90 days after being notified of the analytical result that causes the supply to exceed the operational evaluation level. As listed in the table below, our records show that TTHM operational evaluation levels for the City of Flint exceed 0.080 mg/L at four of the City's eight sample site locations.

TTHM Results (mg/L)					
	5/21/14	8/21/14	11/20/14	LRAA	OEL
DBP1 McDonalds 3719 Davison	**0.162**	**0.145**	0.059	**0.092**	**0.106**
DBP2 Liquor Palace 3302 S. Dort Highway	**0.112**	**0.127**	0.033	0.068	0.076
DBP3 North Flint Auto 6204 N. Saginaw St.	**0.097**	**0.118**	0.041	0.064	0.074
DBP4 University Market 2501 Flushing Road	**0.106**	**0.196**	**0.094**	**0.099**	**0.122**
DBP5 Taco Bell 3606 Corunna Road	0.079	**0.181**	0.034	0.074	**0.082**
DBP6 Rite-Aid Pharmacy 5018 Clio Road	**0.088**	**0.144**	0.054	0.072	**0.085**
DBP7 Salem Housing 3216 MLK Boulevard	**0.082**	**0.112**	0.050	0.061	0.074
DBP8 BP Gas Station 822 S. Dort Highway	0.075	**0.112**	0.036	0.056	0.065

Our investigation consisted of a review of ODWMA files for laboratory reports received for compliance monitoring. Our investigation is considered complete. This violation began on December 1, 2014, and will continue until TTHM LRAA is below the MCL at all sample sites.

We acknowledge and appreciate the city's cooperation with our recommendation to preemptively conduct an Operational Evaluation following the City's second quarterly round of monitoring in August. That Operational Evaluation report has identified possible causes and corrective measures for the elevated TTHM levels which we encourage the City continue implementing. These modifications have likely contributed in part to the reduction in TTHM levels reported in the most recent quarter, and suggest the City may be able to achieve compliance with the TTHM standard.

Our office is continuing to review the Operational Evaluation report that was submitted on December 1, 2014, and will provide the City and their consultant comments as needed to help address this MCL violation.

Water systems that exceed the OEL must complete and submit an Operational Evaluation in accordance with Administrative Rule 719l (R325.10719l) within 90 days of being notified of the violation. **An updated Operational Evaluation report, which incorporates the most recent sample results, must now be completed and received by our office by no later than March 1, 2015**.

If you have any other factual information you would like us to consider regarding the violation identified in this Violation Notice (VN), please provide them in a written response by January 15, 2015.

Administrative rule R 325.10403 of Act 399 requires that suppliers provide public notice (PN) as soon as practical, but no later than thirty (30) days after the supplier learns of this type of violation, by mail or direct delivery **and** by any other means reasonably calculated to reach customers not normally reached by mail. Enclosed is a sample PN which contains the minimum required language. The City is encouraged to include

additional information regarding its response to this violation. **Please notify your consumers by January 10, 2015, and send us a signed and dated copy of the notice that you issued within ten (10) days of distributing the public notice**. This violation must also be included in your 2014 Consumer Confidence Report (CCR), due by July 1, 2015. The PN must be repeated every quarter until you no longer exceed the TTHM standard. Failure to issue a PN for this violation will result in a fine of at least $1,000 per event, with a maximum of $5,000 per violation.

We anticipate and appreciate your continued cooperation in resolving this matter. If you have any questions regarding this VN, please contact us at the numbers below.

Sincerely,

Michael F. Prysby, P.E., District Engineer
Lansing District Office
Office of Drinking Water & Municipal Assistance
517-290-8817

Adam Rosenthal, EQA
Lansing District Office
Office of Drinking Water & Municipal Assistance
517-284-6644

mfp/ar/jlr
Enclosure

cc: Mr. Darnell Early, Emergency Manager, City of Flint
Mr. Daughtry Johnson, City of Flint
Mr. Howard Croft, City of Flint
Mr. Robert Bincsik, City of Flint
Ms. Jennifer Crooks, U.S. Environmental Protection Agency, Region 5
Genesee County Health Department
Ms. Liane Shekter Smith, P.E., DEQ
Mr. Richard Benzie, P.E., DEQ
Mr. Stephen Busch, P.E., DEQ

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

City of Flint Did Not Meet Treatment Requirements

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Samples were collected for total trihalomethanes (TTHM) analysis from eight locations on a quarterly basis (May 21, August 21, and November 20 of 2014). The average of the results at **ANY** of the eight locations must not exceed the maximum contaminant level (MCL) for TTHMs, otherwise our water system exceeds the Maximum Contaminant Level (MCL). The standard for TTHMs is 80 µg/L. The location reporting the highest TTHM level was 99 ug/L; thus, our water system exceeds the TTHM MCL.

What should I do?

- There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

- You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours.

People who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.

What is being done?

We are currently working on solutions to correct the problem. We anticipate resolving the problem by 2015.

For more information, please contact Mr. Brent Wright at 517-787-6537 or the Flint Water Plant at 4500 North Dort Highway, Flint, MI 48505.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the City of Flint.

CERTIFICATION: WSSN: 02310

I certify that this water supply has fully complied with the public notification requirements in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules.

Signature	Title	Date Distributed

Reminder to water supplier: This notice / certification must be sent to the DEQ.

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 2:27 PM
To: Hollins, Harvey (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: Flint water issue

Hi there Harvey -

Just following up on this per brief conversation/mention at yesterday's senior staff meeting and Dave's voice mail to you as well.

I believe you had indicated you had a meeting on this tomorrow, yes?

We need to touch base and get all facts on this situation ASAP. Turning into unfortunate and unnecessary PR issue that we're trying to work with Treasury and DEQ to be on top of, stem, find resolution, etc.

Please call our office today to connect with Dave (as our lead on this) or myself or Jarrod if he's not available for some reason.

Thanks much,
SW

Sent from my iPad

From: Hollins, Harvey (GOV)
Sent: Tuesday, January 27, 2015 2:30 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: RE: Flint water issue

Stacie will set it up.

-----Original Message-----
From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 2:27 PM
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Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
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Thanks much,
SW

Sent from my iPad

From: Clayton, Stacie (GOV)
Sent: Tuesday, January 27, 2015 3:11 PM
To: Hollins, Harvey (GOV); Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water issue

Greetings All,

The meetings on Wednesday that Harvey referenced on Senior Staff call regarding the Flint water issue are actually being facilitated by Dick Posthumus' Office. They will be held in the Romney building as follows:

10:00am - 11:00am (Internal Meeting in the 2nd Floor Executive Conference Room) Dick Posthumus Dennis Muchmore John Walsh Beth Clement Tom Saxton Harvey Hollins

2:00pm-3:pm (Full Meeting in the Governor's Conference Room) Jerry Ambrose Mayor Walling Howard Croft, Director of the Department of Public Works Tom Saxton Dick Posthumus Dennis Muchmore Beth Clement Sen. Ananich Andy Leavitt John Walsh Harvey Hollins

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Thanks much,
SW

Sent from my iPad

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 4:11 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Clement, Elizabeth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Rospond, Laurie (GOV)
Subject: RE: Flint water issue

Thanks all.

Just asking about DEQ representation - don't know if that might be helpful given the relatively high level of involvement they have with this issue - both past and present, or if that was for a reason?

-----Original Message-----
From: Clayton, Stacie (GOV)
Sent: Tuesday, January 27, 2015 3:11 PM
To: Hollins, Harvey (GOV); Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water issue

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Please call our office today to connect with Dave (as our lead on this) or myself or Jarrod if he's not available for some reason.

Thanks much,
SW

Sent from my iPad

From: Minicuci, Angela (DCH)
Sent: Wednesday, January 28, 2015 2:19 PM
To: Murray, David (GOV)
Subject: RE: Flint water

Sounds good, thanks Dave. Is this something that I should loop Jen into/ will we get media calls?

Angela

From: Murray, David (GOV)
Sent: Wednesday, January 28, 2015 12:30 PM
To: Minicuci, Angela (DCH)
Subject: Flint water

Hi Angela,

When you get a moment, I can fill you in about an event involving the boss regarding Flint water. He was part of a meeting this morning. Me, you and Brad might be whipping something up.

Not bad, I promise.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 28, 2015 4:07 PM
To: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Silfven, Ken (GOV); Wyant, Dan (DEQ); Datema, Maggie (DEQ)
Subject: DEQ Flint Backgrounder / talking points

Terry, all good and thanks for working these up. Been rebriefed by our staff, so let me throw in some things that are pertinent from that point.

Following the formal approval of Flint into the KWA, DWSD sent Flint a letter saying their contract was thereby terminated (early 2013).
According to our folks, Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements needed prior to switchover. Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the perennial answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. Put in context, the EPA (who established the standard and the rule) estimates this rule prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not nothing. State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it. But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).

2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.

3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service

connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any Capital Improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions. The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard. The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Until then, our top messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.
3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was

notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.

5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ at ********** (web or phone address?)

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

Message

From: Minicuci, Angela (DCH) [/O=MIGOV/OU=EXTERNAL (FYDIBOHF25SPDLT)/CN=RECIPIENTS/CN=C34A5DA249DD4CD59707C380CD5B3CE4]
Sent: 1/28/2015 4:50:58 PM
To: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MurrayD1]
Subject: RE: Flint water

Sorry Dave, I was booked up until 4. Do you want us to call you tonight or chat tomorrow?

Angela

From: Murray, David (GOV)
Sent: Wednesday, January 28, 2015 2:20 PM
To: Minicuci, Angela (DCH)
Subject: RE: Flint water

Absolutely! I have a meeting at 4, but would love to talk to you guys when you are free!

From: Minicuci, Angela (DCH)
Sent: Wednesday, January 28, 2015 2:19 PM
To: Murray, David (GOV)
Subject: RE: Flint water

Sounds good, thanks Dave. Is this something that I should loop Jen into/ will we get media calls?

Angela

From: Murray, David (GOV)
Sent: Wednesday, January 28, 2015 12:30 PM
To: Minicuci, Angela (DCH)
Subject: Flint water

Hi Angela,

When you get a moment, I can fill you in about an event involving the boss regarding Flint water. He was part of a meeting this morning. Me, you and Brad might be whipping something up.

Not bad, I promise.

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI, mobile

Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Thursday, January 29, 2015 3:15 PM
To: Stanton, Terry A. (Treasury); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Silfven, Ken; Brown, Jessica (GOV)
Subject: Flint water piece.

In case you guys missed Chastity Pratt's piece today in Bridge…
http://bridgemi.com/2015/01/cringe-over-troubled-water-flints-smelly-dilemma/

I've drafted this response. Would like to send it to her yet today. Would like to make sure it doesn't cause any of us undue heartburn. Please review and call me? Thanks!
b

Hi, Chastity. Apologies we did not get to connect as you were preparing your story on Flint water. I understand DEQ staff were able to provide some data.
Overall, well done from a factual perspective. If you decide to revisit the issue, keep me in mind. I'd much like to offer some broader DEQ perspective on our drinking water program and this situation in particular. Some key pieces that folks should know include these:

1. The decision to leave Detroit as a water supplier and use the Flint River was developed and pushed by Flint's local elected officials – over the concerns of state officials. Ultimately, the state signed off on the project (as required because of the EFM) – but consider that Genesee County still gets water from Detroit today, without a contract. This switch wasn't mandated by Detroit, or the state, or anyone but the leadership in Flint, and was proposed as a money saver until the KWA system comes online.

2. The idea that the state owns Flint's water woes outright because of the presence of an EFM ignores that much of this problem is the result of decades of the city failing to perform upkeep on their system. Someone might even argue that the absence of a maintenance fund for infrastructure is just one more symptom of a broader problem that resulted in an EFM assigned to keep the city from financial crash. It's worth noting that the city was approved for a DEQ revolving fund loan in 2009, and DEQ sent a letter congratulating them, only to have the city decline the funding. Seen in that light, the city's proposed solution of state forgiveness on the $20.7 million it presently owes to the State Revolving Fund and an infusion of new, no-strings money for maintenance and line repairs looks, arguably, different.

3. The heart of the problem isn't just because Flint's leaders decided to use the Flint River as a source. It's true that the river water varies in quality, and requires a flexible treatment strategy to address seasonal fluctuations, but the water aesthetics concerning residents in Flint are

compounded by the fact that the system is old and has not been kept up. Flint's water system consists of more than 500 miles of pipes, and more than half of those pipe miles are more than 75 years old. Much of it is cast iron (hence the color issues). The hardness of the water from the river certainly appears to be exacerbating the (rusting) discoloration. It's why GM pulled off Flint's water.

4. The Safe Drinking Water Act, and Michigan's drinking water program, regularly and rigorously reviews municipal water supplies for more than 90 different toxins, including microbial ones. The objective is comprehensive screening that keeps water quality up and mandatory reporting to help customers make informed health decisions when there's an issue, whether that's an immediate health threat (like e. coli or total coliform) or a long-term potential threat like TTHM. But it is the Safe Drinking Water Act, not the Clear Drinking Water Act. The program does not regulate water for aesthetics like color or smell.

5. We empathize with Flint residents who are unhappy with their water. They pay a lot for it, and in some cases it is not the clear, tasteless product one might anticipate. But our goal at DEQ is to make sure the system operators are testing the water according to state and federal law, and that it meets safety standards. Recent testing indicates that the TTHM levels are dropping rapidly, and we will continue to work with the city to protect water customers in the days, months and years ahead.

Thanks,
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Stanton, Terry A. (Treasury)
Sent: Friday, January 30, 2015 10:20 AM
To: Murray, David (GOV)
Subject: RE: When you have a few minutes today

Any time..

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 10:07 AM
To: Stanton, Terry A. (Treasury)
Subject: When you have a few minutes today

..can I call to pick your brain about a potential Tuesday event about Flint water?

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Friday, January 30, 2015 10:32 AM
To: Murray, David (GOV)
Subject: Re: Flint Independent Water Analysis

I'll call Larry Elliot today. Nobody responded to my messaging yesterday. Without guidance otherwise, I'm just gonna go with it. Okay?

Sent from my iPhone

> On Jan 30, 2015, at 10:21 AM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:
>
> Brad,
>
> He's something you will want to look at, in case you have not seen it already.
>
> From: Clayton, Stacie (GOV)
> Sent: Friday, January 30, 2015 10:15 AM
> To: Murray, David (GOV)
> Subject: Flint Independent Water Analysis
>
> Glad to help. Team work is what it's all about! Also, here is a document that Flint EM Ambrose sent to Harvey this morning.
>
> Stacie
> <Independent Water Analysis.PDF>

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 10:44 AM
To: Wisniewski, Wendy (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Flint Conference Call

Greetings All,

Harvey would like to schedule a brief conference call today regarding next steps on Flint water matters. Please let me know DM. EC, JW, DP and DM availability for a call:

11:30am
12:00pm
1:00pm
1:30pm
2:00pm
2:30pm
3:00pm

Thank you,
Stacie

From: Wisniewski, Wendy (GOV)
Sent: Friday, January 30, 2015 10:48 AM
To: Clayton, Stacie (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: RE: Flint Conference Call

1:30 and 3:00 are the only times that work for both Dennis & Beth

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11:30am
12:00pm
1:00pm
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2:00pm
2:30pm
3:00pm

Thank you,
Stacie

From: Wurfel, Sara (GOV)
Sent: Friday, January 30, 2015 11:56 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Durfee, Sally (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Fwd: Rep Neeley's Release

Please see below.

Dave will bring this up during the 1:30 pm call on this issue today.

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

Begin forwarded message:

From: Katie Carey <kcarey@house.mi.gov>
Date: January 30, 2015 at 11:46:03 AM EST
To: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Subject: Rep Neeley's Release

Sara –

Just wanted to give you a heads up that Rep Neeley sent a letter to the Gov and asked that I send out the following press release re the water situation in Flint.

FOR IMMEDIATE RELEASE
Friday, Jan. 30, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-8808

Neeley Sends Letter to Governor Concerning Flint Water Crisis

Legislator asks Gov. Snyder to consider plans to fix water system

LANSING – State Representative **Sheldon Neeley** (D-Flint) has sent a letter to Gov. Rick Snyder, as well as his chief of staff, Dennis Muchmore, and his senior advisor, Dick Posthumus, to inform them of the current crisis affecting the city of Flint's water supply. Residents have spoken out about the quality of the water, calling it unsafe to drink. Photos taken by residents and Flint media have shown

the water to be brownish in color, with sediment and other foreign bodies floating in it.

"In light of the rising and continuous concerns in the Flint community, it is imperative that the governor explores all options in his power to come to the aid of the community," Neeley said.

In the letter, Rep. Neeley asks for an executive decision by the governor to forgive Flint's water fund loan balance of nearly $20.8 million so that those funds may be used to help the city rebuild the infrastructure as well as provide a cost-effective water delivery system.

With this loan forgiveness, Rep. Neeley explains the city will be able to upgrade wastewater treatment processes, improve safe drinking water upgrades and maintain a water system that provides better water to the citizens of Flint.

"The people of Flint elected me to serve them first, and when I see my constituents on the verge of civil unrest, I must act swiftly and with passion," Neeley said. "I am hopeful this letter will bring the concerns of Flint to Gov. Snyder, and that will in turn open a dialogue about what can be done to help the community I love so much."

###

Katie Carey
Deputy Director of Democratic Central Staff
Press Secretary, House Democratic Leader Tim Greimel & the House Democratic Caucus
517.373.8924 (office)
PPI (cell)
kcarey@house.mi.gov

From: Posthumus, Dick (GOV)
Sent: Friday, January 30, 2015 12:51 PM
To: Wisniewski, Wendy (GOV)
Cc: Clayton, Stacie (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Re: Flint Conference Call

I can do it either time
Dick

Sent from my iPhone

On Jan 30, 2015, at 10:47 AM, "Wisniewski, Wendy (GOV)" <wisniewskiw@michigan.gov> wrote:

> 1:30 and 3:00 are the only times that work for both Dennis & Beth
>
> ---
>
> **From:** Clayton, Stacie (GOV)
> **Sent:** Friday, January 30, 2015 10:44 AM
> **To:** Wisniewski, Wendy (GOV); Hall, Jean (GOV); Rospond, Laurie (GOV); Brown, Jessica (GOV)
> **Cc:** Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Hollins, Harvey (GOV)
> **Subject:** Flint Conference Call
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> 11:30am
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>
> Thank you,
> ***Stacie***

From: Posthumus, Dick (GOV)
Sent: Friday, January 30, 2015 12:58 PM
To: Wurfel, Sara (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Durfee, Sally (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Re: Rep Neeley's Release

I am meeting with him on Monday
Sent from my iPhone

On Jan 30, 2015, at 11:56 AM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

> Please see below.
>
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>
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> Press Secretary | Executive Office of Governor Rick Snyder
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> Sent from my iPhone
>
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> > **Date:** January 30, 2015 at 11:46:03 AM EST
> > **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
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> >
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> >
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Katie Carey
Deputy Director of Democratic Central Staff
Press Secretary, House Democratic Leader Tim Greimel & the House Democratic Caucus
517.373.8924 (office)
PPI (cell)
kcarey@house.mi.gov

From: Walsh, John (GOV)
Sent: Friday, January 30, 2015 1:58 PM
To: Murray, David (GOV)
Cc: Brownfield, Michael (GOV); Allard, Claire (GOV)
Subject: Flint Water

Dave, if you need anything as you plan next Tuesday's announcement in Flint, please contact Mike Brownfield. In addition, please note that Claire Allard is quite familiar with the distressed city grants.

Thank you.

From: Wurfel, Brad (DEQ)
Sent: Friday, January 30, 2015 2:45 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Brown, Jessica (GOV)
Subject: Flint water backgrounder
Attachments: Flint water backgrounder.docx

Here's my backgrounder on Flint. Share as appropriate. Key messages at the end.
b

DEQ BACKGROUNDER: FLINT WATER

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health

threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (who established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).

2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.

3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any Capital Improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.

2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.
3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

From: Stanton, Terry A. (Treasury)
Sent: Friday, January 30, 2015 4:19 PM
To: Muchmore, Dennis (GOV); Allard, Claire (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Posthumus, Dick (GOV); Wurfel, Brad (DEQ); Hollins, Harvey (GOV)
Subject: Flint FDCVT Project Summaries

Importance: High

All..see below. As noted on the 1:30 conf call, both are "related" to water.

Flint Incinerator

The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown

Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection

The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown

Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 6:19 PM
To: Murray, David (GOV)
Cc: Hollins, Harvey (GOV)
Subject: RE: Backgrounder on Tuesday Flint water event

Great work Dave! This looks good from our end. Have a wonderful weekend!

Stacie

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 6:05 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Wurfel, Brad (DEQ); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV)
Cc: Wisniewski, Wendy (GOV); Rospond, Laurie (GOV)
Subject: Backgrounder on Tuesday Flint water event

Team,

Here is background on the planned Tuesday event in Flint regarding the $2 million Distressed Cities grant and other issues connected to the water issue.

There are plans for two press releases on Tuesday. The first will detail the two Flint grants and will be released by the governor's communications office. The other release, which would detail the other grants, would follow from Treasury with a quote from the governor.

Mayor Walling has agreed to speak at the event, with Harvey Hollins and Dan Wyant representing the governor's office. Sen. Ananich has asked to speak, and it has been suggested that Rep. Neeley would speak and it might be better to add him to the program. Others, such as Deputy Director Workman and Emergency Manager Ambrose, would be present and available.

The attached document includes details about the planned event, as well as background on the grants from Treasury and on the entire water issue from DEQ as well as Mayor Walling's Facebook post about the governor and links to the stories in the media about the issue.

We have a room reserved and are working with the communications team in Flint to have microphones and other items needed for the event.

Please let me know if there is any information you think should also be included, or anything that should be changed. Once everyone has had the opportunity to review, we can forward to the governor.

Thank you, everyone, for your assistance. I know there are lots of moving pieces and many people involved.

Dave

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Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov

517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 6:24 PM
To: Murray, David (GOV)
Subject: RE: Backgrounder on Tuesday Flint water event

Ha! I'm still at the office…headed out very soon to watch last night's episode of Scandal! You are a pleasure to work with.

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 6:20 PM
To: Clayton, Stacie (GOV)
Subject: RE: Backgrounder on Tuesday Flint water event

You, too, Stacie! Hopefully you are already home and resting!

Thank you for ALL your help! I can't imagine doing this without you.

From: Clayton, Stacie (GOV)
Sent: Friday, January 30, 2015 6:19 PM
To: Murray, David (GOV)
Cc: Hollins, Harvey (GOV)
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From: Stanton, Terry A. (Treasury)
Sent: Friday, January 30, 2015 8:37 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Brown, Jessica (GOV)
Subject: Distressed Cities...draft release
Attachments: FDCVT Grant Awards draft.doc

Dave & Sara...

Please see the attached draft. I am sending to my ORTA staff so they can double check the unit names and amounts.

Let me know if you need anything else before Monday morning.

Also, as you (Sara) may know...I spoke with Brad and we will be meeting with Dick, my leg. Liaison (Paul Connors) and Evah Cole from ORTA (Grants) and Rep Neely Monday at 11. Wish us luck ;)

Terry

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Snyder announces grants for distressed municipalities

$8 million will address water, public safety, and appraisal issues

Gov. Rick Snyder today announced that $8 million in funding, through the Financially Distressed Cities, Villages, and Townships Grant Program will be awarded to six local units of government in Michigan. Funding will help municipalities fund various improvement projects, including water system and street lighting enhancements, as well as technology upgrades. Municipalities had to be experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act, to qualify for a grant.

"Municipalities receiving this special funding are some of the areas around Michigan hardest hit by the Great Recession," Gov. Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. $8 million was appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding through the Financially Distressed Cities, Villages, and Townships Grant Program in fiscal year 2015 with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000
City of Flint	Water system enhancement through improved waste management.	$1,100,000
City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000

City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.

Preference is generally given to applicants from local units in which:

- A financial emergency has been declared in the past five years;
- An approved Deficit Elimination Plan for the General Fund is currently in place; or,
- Two or more conditions indicating "probable financial distress" currently exist.

For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.

####

*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.

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Please advise.

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Subject: Re: Flint event on Tuesday

Ok. Cool. Unfortunately I can't help w the Reps😁

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From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 9:06 AM
To: Murray, David (GOV)
Subject: Re: Flint event on Tuesday

I believe Wayne has spoken w him and I left a message. Will follow up this am.

TS

On Feb 3, 2015, at 9:05 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Terry, just wanted to double-check. Have you connected with Jerry Ambrose to make sure he's aware of the event and is attending?
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Sent: Tuesday, February 03, 2015 10:05 AM
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Subject: RE: Flint event on Tuesday

Jerry Ambrose is planning to be at the press event..

From: Murray, David (GOV)
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To: Stanton, Terry A. (Treasury)
Subject: RE: Flint event on Tuesday

Terry, just wanted to double-check. Have you connected with Jerry Ambrose to make sure he's aware of the event and is attending?

Thanks!

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From: Jason Cooper <Jason.Cooper@townsquaremedia.com>
Sent: Tuesday, February 03, 2015 10:07 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks for the heads up. Not sure if I will be able to make it, but will try. Off the record, can you tell me what's going on?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:39 AM
To: Jason Cooper
Subject: Media advisory about Flint event this afternoon

Jason, wanted to give you a heads-up.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

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From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 10:13 AM
To: Murray, David (GOV)
Subject: RE: Flint event on Tuesday

Let me know what, if anything, you need from me today…

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 10:12 AM
To: Stanton, Terry A. (Treasury)
Subject: Re: Flint event on Tuesday

Perfect!!! Thank you!

Sent from my iPhone

On Feb 3, 2015, at 10:11 AM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

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<RELEASE Flint water grants.docx>

From: Jason Cooper <Jason.Cooper@townsquaremedia.com>
Sent: Tuesday, February 03, 2015 10:14 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks. I will see what I can do to make it over there. Have taken on some new responsibilities here at work and that might have me tied up.

If I can't, any chance for an interview with the Governor (or treasury official) tomorrow? I could pre-record something early in the morning or we could do something during my show?

Again, thanks!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
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Sure thing! Off the record -- and there will be a release this afternoon -- we are announcing the city will receive two large state grants to help with water infrastructure.

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Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wilson, Kevin J. <kevin.j.wilson@abc12.com>
Sent: Tuesday, February 03, 2015 10:25 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Thanks very much for the heads-up, Dave -- we will be there

Kevin

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:37 AM
To: WJRT-TV Newstips
Cc: Wilson, Kevin J.
Subject: Media advisory about Flint event this afternoon

Kevin,

We wanted to give you folks a heads-up.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

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Dave Murray

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Deputy Press Secretary | Executive Office of Governor Rick Snyder
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Twitter:@michigandmurray

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 10:25 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Absolutely...not a problem. I can reach out to Jason to set something up.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 10:22 AM
To: Stanton, Terry A. (Treasury)
Subject: FW: Media advisory about Flint event this afternoon

Hi Terry,

Not sure how you folks do this, but do you think someone from Treasury could call into this Flint radio show tomorrow to talk about the grants?

From: Jason Cooper [mailto:Jason.Cooper@townsquaremedia.com]
Sent: Tuesday, February 03, 2015 10:14 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks. I will see what I can do to make it over there. Have taken on some new responsibilities here at work and that might have me tied up.

If I can't, any chance for an interview with the Governor (or treasury official) tomorrow? I could pre-record something early in the morning or we could do something during my show?

Again, thanks!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 10:11 AM
To: Jason Cooper
Subject: RE: Media advisory about Flint event this afternoon

Sure thing! Off the record – and there will be a release this afternoon – we are announcing the city will receive two large state grants to help with water infrastructure.

From: Jason Cooper [mailto:Jason.Cooper@townsquaremedia.com]
Sent: Tuesday, February 03, 2015 10:07 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks for the heads up. Not sure if I will be able to make it, but will try. Off the record, can you tell me what's going on?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:39 AM
To: Jason Cooper
Subject: Media advisory about Flint event this afternoon

Jason, wanted to give you a heads-up.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

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PPI mobile
Twitter:@michigandmurray

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Tuesday, February 03, 2015 10:45 AM
To: Murray, David (GOV)
Subject: Re: Flint media event this afternoon

Thanks!

On Tue, Feb 3, 2015 at 9:39 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Steve, wanted to give you a heads up about an event this afternoon.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Friday, January 16, 2015 10:19 AM
To: Murray, David (GOV)
Subject: a news media question

David,

During his entire tenure as governor, how many vetoes has Gov. Snyder issued?

Steve Carmody

Michigan Radio

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?

Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint
water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 10:51 AM
To: Murray, David (GOV)
Subject: RE: Flint event on Tuesday
Attachments: RELEASE Flint water grants.docx; 2 FDCVT Grant Awards draft.docx; RELEASE Flint water grants TS.docx; FDCVT Grant Awards TS.docx

Importance: High

Not a problem.

BTW...attached are the draft releases with **track changes** showing...and a second set with **changes accepted**. I sent them to my grant folks to ensure accuracy, etc., and the changes reflect their input.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 10:41 AM
To: Stanton, Terry A. (Treasury)
Subject: RE: Flint event on Tuesday

Thank you, Terry!

We should be set. We'll send out our release at 3, if you folks want to follow that.

Thank you for EVERYTHING on this. I know I took up a lot of your time. Appreciated!

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 10:13 AM
To: Murray, David (GOV)
Subject: RE: Flint event on Tuesday

Let me know what, if anything, you need from me today...

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 10:12 AM
To: Stanton, Terry A. (Treasury)
Subject: Re: Flint event on Tuesday

Perfect!!! Thank you!

Sent from my iPhone

On Feb 3, 2015, at 10:11 AM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

> Jerry Ambrose is planning to be at the press event..
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 9:04 AM

To: Stanton, Terry A. (Treasury)
Subject: RE: Flint event on Tuesday

Terry, just wanted to double-check. Have you connected with Jerry Ambrose to make sure he's aware of the event and is attending?

Thanks!

Dave

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 8:45 AM
To: Murray, David (GOV)
Subject: Re: Flint event on Tuesday

Ok. Cool. Unfortunately I can't help w the Reps😁

TS

On Feb 3, 2015, at 8:29 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Terry,
>
> I think we'll be OK. Brad will be there, too. I'm worried about the state reps, but I think we'll be OK.
>
> ---
>
> **From:** Stanton, Terry A. (Treasury)
> **Sent:** Tuesday, February 03, 2015 8:25 AM
> **To:** Murray, David (GOV)
> **Subject:** Re: Flint event on Tuesday
>
> Dave...
>
> Given my schedule, I wasn't planning to be in flint today...unless you feel there is a need for me to be there.
>
> Please advise.
>
> TS
>
> On Feb 2, 2015, at 1:34 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> > Good afternoon team,
> >
> > Just wanted to touch base on Tuesday's event in Flint. Unless told otherwise, I'm continuing to prepare for the event.
> >
> > I touched base with Harvey and Stacie, who recommended we proceed. Harvey is approaching some stakeholders about appearing at the event, and will forward those names to me later today.

I left a message with Dick Posthumus to see if he has any concerns about proceeding.

The Senate Democrats said Sen. Ananich will want to appear. Katie Carey from the House said she would forward information to Rep. Neeley and Phelps. I have not heard back from her yet.

I've attached the backgrounder and the draft releases from Governor's Communications and Treasury. I've sent a message to the mayor's office about a quote, but have not heard back yet.

Brad and I spoke about Director Wyant's role and potential comments. He will point out that there are things the state can do to help monitor the situation, but also will note that the city's water infrastructure is aging, which contributes to the problems.

We need some direction on an advisory. Should this be listed on a typical advisory from the governor's office, or come from Treasury? Do we even issue an advisory in favor of just contacting media directly in the morning?

Please give the draft releases a read for potential changes, or let me know of other concerns.

Thank you!

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<2 FDCVT Grant Awards draft.docx>

<Briefing Flint grant announcement.docx>

<RELEASE Flint water grants.docx>

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in Distressed Municipalities ~~Cities~~ grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help municipalities ~~cities~~ through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among eleven ~~six~~ municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for ~~the~~ state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, D~~d~~irector of the state's Office of Urban Initiatives, and Wayne Workman, the state's D~~d~~eputy T~~t~~reasurer. They were joined by Dan Wyant, D~~d~~irector of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, S~~s~~tate Senate Minority Leader Jim Ananich, S~~s~~tate Reps. Sheldon Neeley and Phil Phelps.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of

waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

We suggest moving the two paragraphs below up under the first paragraph

Municipalities are eligible for the grants if ~~of~~ they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

89 (Rev. 11-13)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Gov. Rick Snyder announces grants helping distressed municipalities with water, public safety, appraisal issues

$8 million awarded for projects aimed at improving services, quality of life

LANSING, Mich. -- Gov. Rick Snyder today awarded $8 million to eleven ~~six~~ municipalities to fund various improvement projects, including water system and street lighting enhancements and technology upgrades through the Financially Distressed Cities, Villages, and Townships Grant Program.

Municipalities are eligible for the grants if ~~of~~ they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

"Municipalities receiving this special funding are some of the areas hardest hit by the Great Recession," Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding this year, with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000
City of Flint	Water system enhancement through improved waste management.	$1,100,000

City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000
City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

All appropriated funding has been spent. No future rounds will occur in FY 2015.

~~Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.~~

~~Preference is generally given to applicants from local units in which:~~

- ~~A financial emergency has been declared in the past five years;~~
- ~~An approved deficit elimination plan for the general fund is currently in place; or,~~
- ~~Two or more conditions indicating "probable financial distress" currently exist.~~

~~For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.~~

####

We do not think this footnote is needed (however if you leave it in, you need to put the * at the point of reference and change "distress" to "stress".

~~*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.~~

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
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BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

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DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
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February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
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draft

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All appropriated funding has been spent. No future rounds will occur in FY 2015.

####

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 11:07 AM
To: Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?

Should I check with DEQ?

Angela

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:06 AM
To: Minicuci, Angela (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. I can ask Ron.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

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To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
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Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint
water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

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Bob Wheaton
Manager of Communications/Public Information Officer
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P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
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Sent: Tuesday, February 03, 2015 11:19 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:15 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
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Subject: Flint Head Start told to not use city of Flint water?

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Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint
water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 11:23:45 AM
To: Murray, David (GOV); Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

Thanks. I just left him a voice mail. I wonder if it's from U.S. Health and Human Services?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:22 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.

We'll get to the bottom of this.

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Sent: Tuesday, February 03, 2015 11:19 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

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Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

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Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

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To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
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This is news to me. Let me check with Ron for some details.

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Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

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Michigan Department of Human Services

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P.O. Box 30037

Lansing, MI 48909

Phone: 517-373-4287

Cell: PPI

{HYPERLINK "mailto:WheatonB@michigan.gov"}

{HYPERLINK "http://www.michigan.gov/dhs"}

From: Walter Smith-Randolph <wsmithrandolph@sbgtv.com>
Sent: Tuesday, February 03, 2015 11:29 AM
To: Murray, David (GOV)
Subject: Re: Advisory about Flint event this afternoon

Thank you! I'll be there!

Walter Smith-Randolph
Reporter
NBC25 News
(810) 247-1305
Wsmithrandolph@sbgtv.com
@WalterReports
Sent from my iPhone

On Feb 3, 2015, at 9:35 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Walter,
>
> Wanted to give you a heads-up.
>
> Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.
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> Let me know if you have any questions.
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> Dave Murray
>
> **Dave Murray**
> Deputy Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI, mobile
> Twitter:@michigandmurray

From: Biehl, Laura (GOV)
Sent: Tuesday, February 03, 2015 11:45 AM
To: Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: RE: Possible final version of Flint water grant release

Looks good to me.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:07 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Possible final version of Flint water grant release

Team,

Here's the latest version of the Flint water grant release. This includes edits from Treasury, a quote from Mayor Walling and the deletion of Rep. Phelps, who cannot attend.

The event starts at 3 p.m.

Thank you!

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wheaton, Bob (DHS)
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To: Murray, David (GOV); Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?
Attachments: FW: City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

Everyone,

Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So maybe that's what the intermediate school district is talking about regarding the Head Start program.

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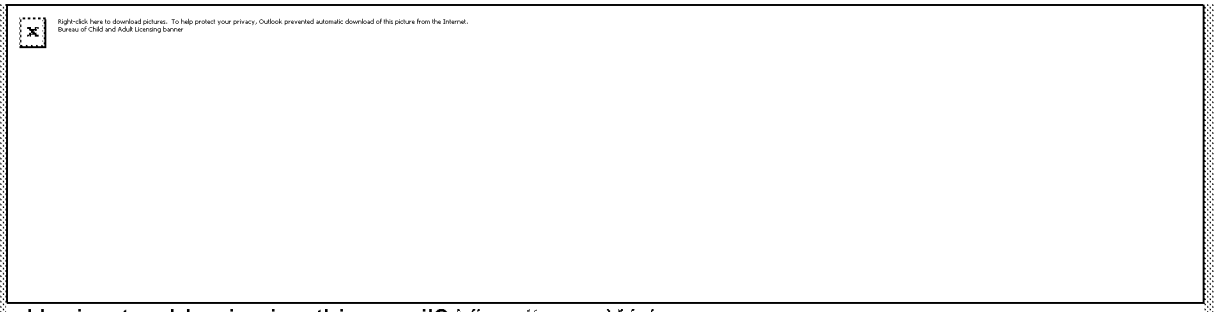
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Nelson, Colleen (BCAL)
Sent: Tuesday, February 03, 2015 11:42 AM
Subject: FW: City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

Here you go.

Colleen Nelson, LMSW
Child Care Program Consultant
Bureau of Children and Adult Licensing
(517) 284-9733
Fax: (517) 284-9709

From: Michigan Dept of Human Services [mailto:MIDHS@govsubscriptions.michigan.gov]
Sent: Thursday, January 29, 2015 3:44 PM
To: Nelson, Colleen (BCAL)
Subject: City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water



Having trouble viewing this email? View it as a Web page.

City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

The city says there's been too much disinfection byproduct in Flint's water system recently, something that -- over many years could cause liver, kidney or central nervous system problems and an increased risk of cancer.

The notice from the city says Flint water is safe to drink but warns that those with a severely compromised immune system, who have an infant or who are elderly may be at increased risk and should seek advice about drinking water from their health care provider.

For others, there is no need to boil water or take other actions, the notice says.

It is recommended that licensed child care providers and licensed adult foster care and homes for the aged providers seek medical advice or use bottle water when serving individuals at increased risk as outlined above.

For more information, go to to the city's website at http://cityofflint.com.

Update your subscriptions, modify your password or email address, or stop subscriptions at any time on your Subscriber Preferences Page. You will need to use your email address to log in. If you have questions or problems with the subscription service, please contact subscriberhelp.govdelivery.com.

This service is provided to you at no charge by Michigan Dept of Human Services.

This email was sent to nelsonc7@michigan.gov using GovDelivery, on behalf of: Michigan Dept of Human Services · 235 S. Grand Ave W. · Lansing, MI 48909 · 1-866-276-6424

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Tuesday, February 03, 2015 11:57 AM
To: Murray, David (GOV)
Subject: RE: Advisory about Flint event this afternoon

Ok thanks dave. This much is fair game to use, right?
fyi . im still waiting to hear back from jerry johnson on the other thing

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:48 AM
To: Fonger, Ronald
Subject: Advisory about Flint event this afternoon

Ron, here's the notice about the event. I can give you embargoed background in a little bit.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Sara (GOV)
Sent: Tuesday, February 03, 2015 12:21 PM
To: Murray, David (GOV); Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ)
Cc: Agen, Jarrod (GOV)
Subject: Fwd: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

FYI - did we know about this? Did Jason give a heads up on this? Why announce 45 mins before event and just before state presser?

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

Begin forwarded message:

> **From:** Jason Lorenz <jlorenz@cityofflint.com>
> **Date:** February 3, 2015 at 12:01:34 PM EST
> **To:** undisclosed-recipients:;
> **Subject: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference**
>
> **MEDIA ADVISORY: Keep the Water Flowing Resident Assistance "Water Fair" Press Conference**
>
> **WHEN: Tuesday, February 3, 2015 at 1pm**
>
> **WHERE: Catholic Charities of Shiawassee and Genesee Counties, 901 Chippewa St., Flint**
>
> **Details on an upcoming event to provide education on assistance available to Flint residents for access to water will be announced by officials from the City of Flint and its partnering agencies, Catholic Charities, the United Way of Genesee County, the Salvation Army, the Food Bank of Eastern Michigan and Home Depot.**
>
> -Jason Lorenz
> Public Information Officer
> City of Flint
> (810) 237-2039
> jlorenz@cityofflint.com

From: Wurfel, Brad (DEQ)
Sent: Tuesday, February 03, 2015 12:24 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV); Stanton, Terry A. (Treasury); Agen, Jarrod (GOV)
Subject: Re: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

This is the first I've seen of it. I understand congressman Kildee Will be handing out bottled water around the city today as well.

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(810) 237-2039
jlorenz@cityofflint.com

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 12:32 PM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Re: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

First I'd heard also b

TS

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From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 1:16 PM
To: Murray, David (GOV)
Subject: FW: Flint Head Start told to not use city of Flint water?
Attachments: FW: City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

Hi David,

Did you happen to reach Ron Fonger or clarify what he was asking about?

Thanks,
Bob

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Child Care Program Consultant
Bureau of Children and Adult Licensing
(517) 284-9733
Fax: (517) 284-9709

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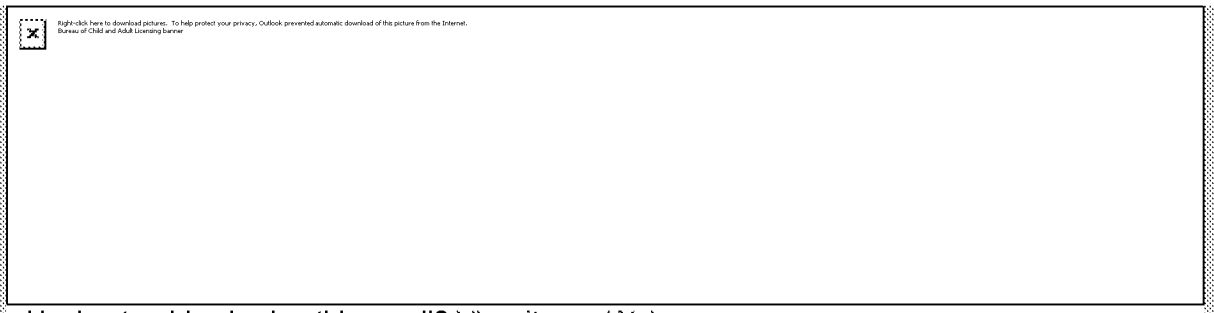

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This service is provided to you at no charge by Michigan Dept of Human Services.

This email was sent to nelsonc7@michigan.gov using GovDelivery, on behalf of: Michigan Dept of Human Services · 235 S. Grand Ave W. Lansing, MI 48909 1-855-275-6424

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 2:16 PM
To: Murray, David (GOV); Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

I agree about the concern with this notice going out. Bob and I spoke about this. Bob, I know you may not be involved when every messages like this go out, but I think a conversation should be had with local DHS offices who use GovDelivery about what is appropriate to send and what is not.

Angela

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

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Hope everything is going well today and sorry to complicate things with this issue.

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Sent: Tuesday, February 03, 2015 3:42 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: PLEASE REVIEW
Attachments: 3 RELEASE Flint water grants TS.docx

Importance: High

Hi Jarrod –

Sorry to bother you while you're sick – can you please give the attached release a look and sign-off. Sara has been tied up and we need to get it out the door ASAP. Sorry for the last minute request!

JB

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	February 3, 2015

Gov. Rick Snyder awards Flint $2 million in 'distressed municipalities' grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

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"There are opportunities for state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives, and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, and state Rep. Sheldon Neeley.

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allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

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Flint Mayor Dayne Walling said he appreciates the state support.

"This announcement comes at the perfect time for Flint as we continue with repairs and upgrades to our water service infrastructure that are in accordance with our new Capital Improvement Plan," Walling said. "This significant funding opportunity from the State will allow us to move forward with two projects that will mean long term cost savings for the City of Flint."

Municipalities are eligible for the grants if they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

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STATE OF MICHIGAN
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Executive Office of the Governor, Rick Snyder
O: 517-335-6397
M: PPI
Brownj53@michigan.gov

<3 RELEASE Flint water grants TS.docx>

From: Brown, Jessica (GOV)
Sent: Tuesday, February 03, 2015 3:46 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: RE: PLEASE REVIEW

Thanks much

From: Agen, Jarrod (GOV)
Sent: Tuesday, February 03, 2015 3:45 PM
To: Brown, Jessica (GOV)
Cc: Murray, David (GOV)
Subject: Re: PLEASE REVIEW

Looks good. Send when ready.

On Feb 3, 2015, at 3:42 PM, Brown, Jessica (GOV) <BrownJ53@michigan.gov> wrote:

> Hi Jarrod –
>
> Sorry to bother you while you're sick – can you please give the attached release a look and sign-off. Sara has been tied up and we need to get it out the door ASAP. Sorry for the last minute request!
>
> JB

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	February 3, 2015

Gov. Rick Snyder awards Flint $2 million in 'distressed municipalities' grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help municipalities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among eleven municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

“There are opportunities for state government to assist Flint city leaders as they address issues related to the city’s water system,” Snyder said. “These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents.”

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state’s Office of Urban Initiatives, and Wayne Workman, the state’s deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, and state Rep. Sheldon Neeley.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city’s pipes. The assessment will guide the city’s water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Flint Mayor Dayne Walling said he appreciates the state support.

"This announcement comes at the perfect time for Flint as we continue with repairs and upgrades to our water service infrastructure that are in accordance with our new Capital Improvement Plan,” Walling said. “This significant funding opportunity from the State will allow us to move forward with two projects that will mean long term cost savings for the City of Flint."

Municipalities are eligible for the grants if they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

###

Jessica M. Brown
Communications Associate
Executive Office of the Governor, Rick Snyder
O: 517-335-6397

M: PPI
Brownj53@michigan.gov

<3 RELEASE Flint water grants TS.docx>

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Tuesday, February 03, 2015 4:42 PM
To: Murray, David (GOV)
Subject: RE: Advisory about Flint event this afternoon

Hey Dave: Good to see you. FYI. I tried BW again a few minutes ago but he wasn't available.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:48 AM
To: Fonger, Ronald
Subject: Advisory about Flint event this afternoon

Ron, here's the notice about the event. I can give you embargoed background in a little bit.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Tuesday, February 03, 2015 5:35 PM
To: Murray, David (GOV)
Subject: RE: Advisory about Flint event this afternoon

He called and we're set. Thanks again

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 5:26 PM
To: Fonger, Ronald
Subject: RE: Advisory about Flint event this afternoon

Hi Ron,

Just got back in the office. Nice to see you, too! I'm frustrated that Bob didn't call back. Let me get to him.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Tuesday, February 03, 2015 4:42 PM
To: Murray, David (GOV)
Subject: RE: Advisory about Flint event this afternoon

Hey Dave: Good to see you. FYI. I tried BW again a few minutes ago but he wasn't available.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:48 AM
To: Fonger, Ronald
Subject: Advisory about Flint event this afternoon

Ron, here's the notice about the event. I can give you embargoed background in a little bit.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 6:02 PM
To: Murray, David (GOV)
Subject: Re: Flint Head Start told to not use city of Flint water?

I got back to him, so we should be good

Sent from my iPhone

On Feb 3, 2015, at 5:33 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Bob, can you get back to Ron Fonger, or do you need me to do that?
>
> Thanks!
>
> ---
>
> **From:** Wheaton, Bob (DHS)
> **Sent:** Tuesday, February 03, 2015 2:40 PM
> **To:** Minicuci, Angela (DCH); Murray, David (GOV)
> **Cc:** Smith, Jennifer (DCH)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> Hi Dave,
>
> I attached the Bureau of Children and Adult Licensing (BCAL) GovDelivery email in my earlier email, but I've cut and pasted below for easier access. As you'll see, the article is making subscribers (primarily people who have licensed day cares and other facilities) aware of the city of Flint warning residents of potential dangers in the drinking water. BCAL is not ordering anyone to do anything. I apologize for not notifying the Governor's Office. I didn't see this until after it went out, and it didn't occur to me that the governor's office would need to be aware of it. In retrospect I should have let you know.
>
> Please let me know if you need any additional assistance.
>
> Thanks,
>
> Bob

Having trouble viewing this email? View it as a Web page.

City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

The city says there's been too much disinfection byproduct in Flint's water system recently,

something that -- over many years could cause liver, kidney or central nervous system problems and an increased risk of cancer.

The notice from the city says Flint water is safe to drink but warns that those with a severely compromised immune system, who have an infant or who are elderly may be at increased risk and should seek advice about drinking water from their health care provider.

For others, there is no need to boil water or take other actions, the notice says.

It is recommended that licensed child care providers and licensed adult foster care and homes for the aged providers seek medical advice or use bottle water when serving individuals at increased risk as outlined above.

For more information, go to to the city's website at http://cityofflint.com.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 2:16 PM
To: Murray, David (GOV); Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

I agree about the concern with this notice going out. Bob and I spoke about this. Bob, I know you may not be involved when every messages like this go out, but I think a conversation should be had with local DHS offices who use GovDelivery about what is appropriate to send and what is not.

Angela

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

On Feb 3, 2015, at 12:07 PM, Wheaton, Bob (DHS) <WheatonB@michigan.gov> wrote:

> Everyone,
>
> Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So

maybe that's what the intermediate school district is talking about regarding the Head Start program.

It's possible MDE could have issued something as well, so I'll check with them.

Bob

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:22 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.

We'll get to the bottom of this.

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:19 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:15 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. Let me check with Ron for some details.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

<mime-attachment>

From: Dupnack, Jessica <jessica.dupnack@abc12.com>
Sent: Tuesday, February 03, 2015 9:41 PM
To: Murray, David (GOV)
Subject: Re: Great job on the Flint water grant story

Thanks! That means a lot. We always get he negative feedback (as you know from the "old journal days") so it's nice to see some positive!

I've got your number saved for whenever I need to bug ya. Have a good night!

Thanks!
Jessica Dupnack

On Feb 3, 2015, at 9:38 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> http://www.abc12.com/story/28012973/2-million-in-grant-money-coming-to-flint-to-help-with-water-situation
>
> Jessica,
>
> Just wanted to say you did a great job on the Flint water grant story. It's a complicated issue, and you explained it very well!
>
> Always nice to come "home" to Flint – I worked for the Journal for 10 years and my kids were born there. Will always have a soft spot for the city.
>
> Let me know if I can ever be of assistance to you.
>
> Dave Murray

From: Workman, Wayne (TREASURY)
Sent: Tuesday, February 03, 2015 9:58 PM
To: Murray, David (GOV)
Cc: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Posthumus, Dick (GOV); Wyant, Dan (DEQ); Walsh, John (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Wurfel, Sara (GOV); Agen, Jarrod (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Rexford, Tori (GOV)
Subject: Re: Thank you very much for your help.

You are welcome. It is what the job is about. Helping people.

Sent from my iPhone

On Feb 3, 2015, at 9:55 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> I just wanted to say thank you to everyone who took part in Tuesday's grant announcement press conference in Flint.
>
> I know that very, very busy people tore up their schedules to appear, or spent a great deal of time with me providing technical assistance and mentoring to bring everything together – even during the weekend and on a snow day. Your help is deeply appreciated!
>
> I think the coverage looks good so far, giving us a chance to change the narrative and explain the state's proper role helping the city with this long-standing issue. Here are some of the early stories:
>
> Governor awards Flint $2 million for troubled water system; Mayor says more is needed, MLive
> $2 million in grant money coming to Flint to help with water situation, WJRT-12
> Snyder grants $2 million to Flint for troubled water system, Toldeo Blade (AP story)
>
> Thank you again,
>
> Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, February 04, 2015 11:44 AM
To: Murray, David (GOV)
Subject: Re: Thank you very much for your help.

You did great work, Dave!!

TS

On Feb 3, 2015, at 9:55 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> I just wanted to say thank you to everyone who took part in Tuesday's grant announcement press conference in Flint.
>
> I know that very, very busy people tore up their schedules to appear, or spent a great deal of time with me providing technical assistance and mentoring to bring everything together – even during the weekend and on a snow day. Your help is deeply appreciated!
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> Thank you again,
>
> Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 04, 2015 2:46 PM
To: Murray, David (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV)
Subject: VERY IMPORTANT Bureau of Children and Adult Licensing Notice on Flint Water

Importance: High

Hi All,

I've discussed this previously with Dave, but there are important new developments. Can someone contact me ASAP? MSNBC just contacted us about this, and I've discussed a response with Geralyn that I need to run by your shop.

Thanks!

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Jason Cooper <Jason.Cooper@townsquaremedia.com>
Sent: Wednesday, February 04, 2015 2:56 PM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Just wanted to drop a quick thanks for putting Terry Stanton in touch with me. Wish I could have made it over to the event yesterday, but having the Treasury Dept. on today to discuss the announcement was the next best thing.

Again, thanks!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 10:21 AM
To: Jason Cooper
Subject: RE: Media advisory about Flint event this afternoon

Hi Jason,

The governor will be tough to get, but I think there is a chance we can get someone from Treasury. Let me reach out to the folks over there.

From: Jason Cooper [mailto:Jason.Cooper@townsquaremedia.com]
Sent: Tuesday, February 03, 2015 10:14 AM
To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks. I will see what I can do to make it over there. Have taken on some new responsibilities here at work and that might have me tied up.

If I can't, any chance for an interview with the Governor (or treasury official) tomorrow? I could pre-record something early in the morning or we could do something during my show?

Again, thanks!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 10:11 AM
To: Jason Cooper
Subject: RE: Media advisory about Flint event this afternoon

Sure thing! Off the record – and there will be a release this afternoon – we are announcing the city will receive two large state grants to help with water infrastructure.

From: Jason Cooper [mailto:Jason.Cooper@townsquaremedia.com]
Sent: Tuesday, February 03, 2015 10:07 AM

To: Murray, David (GOV)
Subject: RE: Media advisory about Flint event this afternoon

Dave-

Thanks for the heads up. Not sure if I will be able to make it, but will try. Off the record, can you tell me what's going on?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, February 03, 2015 9:39 AM
To: Jason Cooper
Subject: Media advisory about Flint event this afternoon

Jason, wanted to give you a heads-up.

Representatives from the Michigan Department of Treasury, the Office of Urban Initiatives and the Department of Environmental Quality will be joined by several state lawmakers and city leaders at 3 p.m. today at the Haskell Community Center, 2201 Forest Hill Avenue in Flint for a short press conference to discuss some state resources to be used for water system infrastructure and other improvements.

Let me know if you have any questions.

Dave Murray

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Wednesday, February 04, 2015 4:53 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Flint Water

Importance: High

Laughing so hard I'm crying right now.

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 04, 2015 4:51 PM
To: Natalie.zarowny@abc12.com
Subject: Flint Water
Importance: High

Hi Natalie,

I received your message (below). I apologize for not responding sooner.

The message that the DHS Bureau of Children and Adult Licensing (BCAL) sent regarding this issue was to subscribers of a BCAL e-newsletter – primarily received by licensees for child care facilities, adult foster care facilities and homes for the aged. I'm not really comfortable sharing that with you.

The message was a recommendation – not an order – that suggested the licensees in Flint seek medical advice or use bottled water when serving young children and the elderly. BCAL was working off what the agency thought was the most current information on Flint water quality when it issued the e-newsletter. However, it would be best for you to speak to the Michigan Department of Environmental Quality (DEQ) about that, because that state agency has the most up-to-date information about Flint water quality.

You can contact my colleague Brad Wurfel from DEQ at 517-284-6713, 517-230-8006 or wurfelb@michigan.gov.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

Name: Natalie
Agency: ABC News 12 -Flint
Phone: 847-533-8812
Email: Natalie.zarowny@abc12.com

RE: Head start programs in Flint are giving bottled water instead of Flint water as a result of a publication from DHS. She would like this publication to reference for her story. She does not necessarily have to speak with you.

From: Wurfel, Brad (DEQ)
Sent: Thursday, February 05, 2015 2:15 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Stanton, Terry A. (Treasury)
Subject: Fwd: pastor harris

Thoughts on this? Who responds? How?

Sent from my iPhone

Begin forwarded message:

> **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> **Date:** February 5, 2015 at 1:06:36 PM EST
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: pastor harris**
>
> Brad:
> I just spoke with Pastor Harris, the president of the Concerned Pastors for Social Action.
> He said the group asked that Flint be immediately re-connected to Lake Huron water during yesterday's meeting and is expecting a response of some kind by the beginning of next week.
> Would you or Dave Murray want to comment on whether that's under consideration?
> I just wanted you guys to know what he's saying – without equivocation – in the story.
> Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stanton, Terry A. (Treasury)
Sent: Thursday, February 05, 2015 2:19 PM
To: Wurfel, Brad (DEQ); Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: pastor harris

Would add that the city (Earley, Ambrose, etc.) have been unequivocal that doing so would cost at least $1m per month…per the DWSD "offer"…and the city simply cannot afford that.

I have also heard that the city no longer owns a section of pipeline that would have to be used in making any re-connection…making that more difficult and expensive.

From: Wurfel, Brad (DEQ)
Sent: Thursday, February 05, 2015 2:15 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Stanton, Terry A. (Treasury)
Subject: Fwd: pastor harris

Thoughts on this? Who responds? How?

Sent from my iPhone

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> **Ron Fonger**
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com
> address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Thursday, February 05, 2015 2:19 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV); Wurfel, Sara (GOV); Stanton, Terry A. (Treasury)
Subject: Re: pastor harris

I talked with him earlier today. We can say that we are exploring all the options available to us to respond to the concerns of the citizens of Flint. Pastor Harris is our point of contact and we can say that also.

On Feb 5, 2015, at 2:15 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Thoughts on this? Who responds? How?
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> > **Date:** February 5, 2015 at 1:06:36 PM EST
> > **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> > **Subject: pastor harris**
> >
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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Thursday, February 05, 2015 3:11 PM
To: Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: pastor harris

Only problem with that is that the citizens of Flint say they are paying more now than they did when they were connected with DWSD. The city, after all, is not giving the water away free right now, so there is some kind of equalization that comes into play here. Additionally, we just gave them $2M so if we need to use it for a reconnect that's probably a good use of the money as opposed to people refusing to use city water. Since we're in charge, we can hardly ignore the people of Flint. After all, If GM refuses to use the water in their plant and our own agencies are warning people not to drink it, another expressing continuing concern over quality, and the differential between what we now collect and what we would pay DWSD is not significant, we look pretty stupid hiding behind some financial statement.

From: Stanton, Terry A. (Treasury)
Sent: Thursday, February 05, 2015 2:19 PM
To: Wurfel, Brad (DEQ); Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: pastor harris

Would add that the city (Earley, Ambrose, etc.) have been unequivocal that doing so would cost at least $1m per month…per the DWSD "offer"…and the city simply cannot afford that.

I have also heard that the city no longer owns a section of pipeline that would have to be used in making any re-connection…making that more difficult and expensive.

From: Wurfel, Brad (DEQ)
Sent: Thursday, February 05, 2015 2:15 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Stanton, Terry A. (Treasury)
Subject: Fwd: pastor harris

Thoughts on this? Who responds? How?

Sent from my iPhone

Begin forwarded message:

> **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> **Date:** February 5, 2015 at 1:06:36 PM EST
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: pastor harris**
>
> Brad:
> I just spoke with Pastor Harris, the president of the Concerned Pastors for Social Action.
> He said the group asked that Flint be immediately re-connected to Lake Huron water during yesterday's meeting and is expecting a response of some kind by the beginning of next week.
> Would you or Dave Murray want to comment on whether that's under consideration?
> I just wanted you guys to know what he's saying – without equivocation – in the story.
> Thanks,

Ron Fonger
MLive Media Group
Reporter

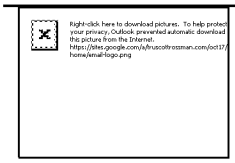
mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Kelly Rossman-McKinney [krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!



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Cell: PPI
Office: (517) 487-6320
Fax: (517) 487-5080

From: Kelly Rossman-McKinney [krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:42 PM
To: Murray, David (GOV)
Subject: RE: Flint Water

Yup -- sorry! Guess I wasn't too clear on that, was I? SHEESH!!!!

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From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, February 06, 2015 3:39 PM
To: Kelly Rossman-McKinney
Subject: RE: Flint Water

Hi Kelly,

Has the city itself hired Veolia?

Thanks!

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

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Office: (517) 487-9320
Fax: (517) 487-6080

From: Wurfel, Brad (DEQ)
Sent: Monday, February 09, 2015 9:21 AM
To: Wheaton, Bob (DHS); Lasher, Geralyn (DCH)
Cc: Muchmore, Dennis (GOV); Murray, David (GOV); Minicuci, Angela (DCH); Stanton, Terry A. (Treasury)
Subject: FLINT WATER NOTES

Hey, friends. Anticipating more coverage this week on Flint, want to make sure we are all looped in and on the same page. Treasury takes calls on funding and money and the EM. DEQ takes calls on water quality. Here's what I can share about the water quality part.

Total Trihalomethanes (TTHM) are a byproduct of too much chlorine to kill organic material in a water supply. They are among the 80 toxins water suppliers monitor. They are considered a long-term health hazard. As such, they're sampled from water systems every quarter. Systems are required to remain below 80 parts per billion on a yearly average (four quarters). Flint exceeded the average in the course of three quarters last year.

Water system operators around the state periodically get a high result for TTHMs. When consecutive quarters of testing remain at high levels, it's usually a sign that operators are using too much chlorine to address high levels of organic matter in their water source. This most frequently affects systems that use surface water as a source. And several municipal water systems around the state do use surface water (rivers) as a source.

When a water system exceeds this standard, the operator gets a very formally worded violation notice from DEQ that says, effectively, "hey, your numbers are high. Alert your customers and figure out how you're going to bring your numbers back down." This is not as serious as a boil water advisory situation. But, the (think decades) long-term risk of drinking water with high TTHMs is an increased risk of exposure to cancer causing agents, so it's not a situation that the state can accept as status quo.

Because TTHM is measured on an annual (quarterly) basis, it will take a couple quarters of clear results before the city's average falls below the guidelines. This

means Flint will probably be issuing another public notice about TTHM in March, despite that the high samples were late last summer.

Flint's numbers have dropped dramatically since the November testing and they're presently in compliance with state drinking water standards.

The water as it leaves the plant is clean, sanitary and safe. However, the water supply system is old, poorly maintained and many residents' connections are also old and poorly maintained. Thus, some residents are experiencing water that smells off or is discolored. This is from the transmission system, not the production system. The three top issues appear to be

a. Hard water interacting with cast iron pipes, causing water that looks rusty (and likely tastes a bit irony)
b. Water sitting too long in the pipes because of valves not working properly or limited users in some sections of the system; or,
c. Residents with old homes that have cast iron connections contributing to the hard water issue.

So, how do we message this issue in light of the many variables at play?

1. Right now, water produced at the Flint plant is meeting state safe drinking water standards.
2. DEQ is aware that many residents have concerns about smell, color and other aesthetic qualities of their water. There are several potential causes for aesthetic water conditions. Residents with these concerns are encouraged to contact the City first to report problems. They also can contact the Michigan DEQ, but the City operates the system and needs to be alerted to concerns with their system to help document problem areas and prioritize improvements.
3. Total Trihalomethane (TTHM) is odorless and colorless. It is regarded as a long-term health concern. TTHM was included in the list of toxins screened under the Safe Drinking Water Act because of its potential for long-term potential health concerns. This is why it is only sampled quarterly. The water operator is required by law to notify residents when the annually averaged standard has been exceeded, and the system operator is required to take active steps to get back into compliance with the standard for TTHM.

4. Residents received notice because the law requires transparency and works to help ensure residents can make informed decisions. The notice residents received early this month is a totally separate issue from the water discoloration issues some residents are reporting.
5. The DEQ continues working with Flint Water system operators to ensure that residents receive water that complies with state drinking water standards. This system is tested regularly and rigorously, and the results are reported to customers as outlined in the Safe Drinking Water Act.

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 04, 2015 3:57 PM
To: Wurfel, Brad (DEQ)
Subject: RE: IMPORTANT MEDIA ISSUE Please call

Here's what our Bureau of Children and Adult Licensing emailed on Friday:

City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

The city says there's been too much disinfection byproduct in Flint's water system recently, something that -- over many years could cause liver, kidney or central nervous system problems and an increased risk of cancer.

The notice from the city says Flint water is safe to drink but warns that those with a severely compromised immune system, who have an infant or who are elderly may be at increased risk and should seek advice about drinking water from their health care provider.

For others, there is no need to boil water or take other actions, the notice says.

It is recommended that licensed child care providers and licensed adult foster care and homes for the aged providers seek medical advice or use bottle water when serving individuals at increased risk as outlined above.

For more information, go to to the city's website at http://cityofflint.com.

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 04, 2015 3:41 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Feuerstein, Heather (DEQ)

Subject: IMPORTANT MEDIA ISSUE Please call
Importance: High

Hi Brad, Karen,

Could one of you call me ASAP regarding a media crisis having to do with Flint water?

Thanks!

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
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Phone: 517-373-4287
Cell: PPI
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www.michigan.gov/dhs

From: Wheaton, Bob (DHS)
Sent: Monday, February 09, 2015 9:59 AM
To: Wurfel, Brad (DEQ)
Cc: Lasher, Geralyn (DCH); Muchmore, Dennis (GOV); Murray, David (GOV); Minicuci, Angela (DCH); Stanton, Terry A. (Treasury)
Subject: Re: FLINT WATER NOTES

Thanks, Brad. I'll let you know of any media inquiries.

Sent from my iPhone

On Feb 9, 2015, at 9:20 AM, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov> wrote:

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Sent: Monday, February 09, 2015 12:17 PM
To: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Flint Water Update

Answers the question about whether the Mayor is getting counsel from TR …
b

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Monday, February 09, 2015 12:01 PM
To: Wurfel, Brad (DEQ)
Subject: Flint Water Update

Hi, Brad – Wanted to let you know that Flint will be announcing its water consultant tomorrow at a 2 PM media roundtable. Holler if you have questions or need info. Thanks!

Kelly

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From: Stanton, Terry A. (Treasury)
Sent: Monday, February 09, 2015 2:08 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Subject: RE: Flint Water Update

As I mentioned a couple weeks back, Kelly initially provided some comms assistance/guidance to Darnell Earley, pro bono.

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Cell: PPI

From: Wurfel, Brad (DEQ)
Sent: Monday, February 09, 2015 2:09 PM
To: Rauch, Randy (DHS); Wheaton, Bob (DHS); Wurfel, Sara (GOV)
Cc: Mose, Sandi Kay (DHS); Stanton, Terry A. (Treasury)
Subject: RE: Channel 12

Thanks for the loop in. DEQ oversees the quality of the water through our drinking water program. What the residents are charged is determined by the city. Who gets shut off, turned back on and all other operational questions should go to the city.

From: Rauch, Randy (DHS)
Sent: Monday, February 09, 2015 1:25 PM
To: Wheaton, Bob (DHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Mose, Sandi Kay (DHS)
Subject: RE: Channel 12

I will give Angie your phone number. Thank you Bob.

From: Wheaton, Bob (DHS)
Sent: Monday, February 09, 2015 1:22 PM
To: Rauch, Randy (DHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Mose, Sandi Kay (DHS)
Subject: RE: Channel 12

Hi Randy,

This should definitely come to me to answer rather than being answered at the local office. I'm CC'ing Brad Wurfel from DEQ Communications.

We can tell her how much SER funding is available, but I don't think we're the ones who could or should say how much it costs for water, how much it costs to turn the water back on and/or why people in Flint are without water.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
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Phone: 517-373-4287
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Sent: Monday, February 09, 2015 1:17 PM
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Angie Hendershot would like to interview someone from this office regarding what the State pays for SER towards water bills. Turn on fees and the like. ABC 12 is doing a story about the water issues in Flint and the piece their interested in now is about the cost of the water and how much it costs and why so many people are without water. Then what it costs to get the water back on.
Do you want us to refer her to you or talk to her locally. I would have to discuss this with Sandi Mose, because SER is in her area.

From: Wurfel, Brad (DEQ)
Sent: Monday, February 09, 2015 2:13 PM
To: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Water Update

Thanks, Terry.
Heads up to all that Flint is required to do its quarterly TTHM sampling again in February. We expect their numbers to be in compliance. But we also expect that they were so far out of compliance in three quarters of 2014 that their annual average will still be out of compliance, which will require them to send another letter to the community in accordance with the safe drinking water act. So the show will, unfortunately, go on.

From: Stanton, Terry A. (Treasury)
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From: Hollins, Harvey (GOV)
Sent: Monday, February 09, 2015 2:18 PM
To: Kelly Rossman-McKinney; Murray, David (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Water

Kelly,
I am deferring this to our communications team. Let me know if you connect with them.

Best,
Harvey

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

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From: Wurfel, Brad (DEQ)
Sent: Monday, February 09, 2015 2:22 PM
To: Murray, David (GOV)
Subject: RE: Flint Water Update

There are few things consultants love more than a client with a problem that cannot be solved.

From: Murray, David (GOV)
Sent: Monday, February 09, 2015 12:51 PM
To: Wurfel, Sara (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Re: Flint Water Update

It seems as if a crisis was created to provide work for a consultant client.

Sent from my iPhone

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> ---
>
> **From:** Wurfel, Brad (DEQ)
> **Sent:** Monday, February 09, 2015 12:17 PM
> **To:** Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
> **Subject:** FW: Flint Water Update
>
> Answers the question about whether the Mayor is getting counsel from TR …
> b
>
> ---
>
> **From:** Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
> **Sent:** Monday, February 09, 2015 12:01 PM
> **To:** Wurfel, Brad (DEQ)
> **Subject:** Flint Water Update
>
> Hi, Brad – Wanted to let you know that Flint will be announcing its water consultant tomorrow at a 2 PM media roundtable. Holler if you have questions or need info. Thanks!
>
> Kelly

<image001.gif>

Kelly Rossman-McKinney, APR
CEO
Truscott Rossman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Suite 3160 • Detroit, MI 48243
125 Ottawa Ave NW, Suite 235 Grand Rapids, MI 49503
Office. 517-487-9320
Fax: 517-487-5080
Cell: PPI

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Monday, February 09, 2015 2:33 PM
To: Hollins, Harvey (GOV); Murray, David (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Water

Thanks. We're going to do community meetings later in the week rather than pile on to the media roundtable. Dave, please let me know who you recommend we include. Thanks.

From: Hollins, Harvey (GOV) [mailto:hollinsh@michigan.gov]
Sent: Monday, February 09, 2015 2:18 PM
To: Kelly Rossman-McKinney; Murray, David (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Water

Kelly,
I am deferring this to our communications team. Let me know if you connect with them.

Best,
Harvey

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!

Kelly Rossman-McKinney
CEO
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300 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320
Fax: (517) 487-5080

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Thursday, February 12, 2015 11:22 AM
To: Murray, David (GOV)
Subject: Re: Flint Water

Totally understand ... But I was actually more interested n getting the names of the community members who participated in the event. City says those were your invitees so if you can share, that would be great!

Veolia kicked off their work Tuesday and all is going well. Thanks for everything, Dave!

Sent from my iPhone

On Feb 12, 2015, at 10:40 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Kelly,
>
> Sorry for the delay. I was up in the U.P. taking my daughter on a campus visit to Michigan Tech, and jumped right into the budget activities yesterday.
>
> Talking with Jarrod, we're concerned about the appropriateness of state staff participating in another round of community meetings. DEQ representatives already participated in a community meeting, and the DEQ director and other high-ranking administration representatives took part in our media event when we announced the grant award, covering much of the same ground.
>
> We've also hosted a large group of ministers, again with DEQ, Treasury and Urban Initiatives representatives, to discuss the issues again.
>
> Our concern is we've already covered this topic exhaustively with representatives from the highest levels, and that it would be redundant to assemble them again, especially so soon after the initial sessions.
>
> We're grateful that Mayor Walling publicly expressed his appreciation for the support from the governor and state agencies, especially in light of his critical Facebook post and guest column. We think we've made good progress and continue to work with city leaders to help them address their long-term water issues.
>
> Dave

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Monday, February 09, 2015 2:33 PM
To: Hollins, Harvey (GOV); Murray, David (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Water

Thanks. We're going to do community meetings later in the week rather than pile on to the media roundtable. Dave, please let me know who you recommend we include. Thanks.

From: Hollins, Harvey (GOV) [mailto:hollinsh@michigan.gov]
Sent: Monday, February 09, 2015 2:18 PM
To: Kelly Rossman-McKinney; Murray, David (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Water

Kelly,
I am deferring this to our communications team. Let me know if you connect with them.

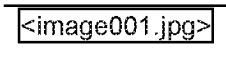
Best,
Harvey

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!



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125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-6930
Fax: (517) 487-5080

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Thursday, February 12, 2015 11:28 AM
To: Murray, David (GOV)
Subject: contact for Harvey Hollins' office

Dave:
I just spoke to Pastor Alfred Harris with Concerned Pastors for Social Action.
He talked about a conference call yesterday with Harvey Hollins, and said Hollins has asked the cities of Flint and Detroit for information about the cost of supplying water to Flint.
I tried to reach Brad Wurfel as a starting point on this but I'm not having any luck. Who should I be talking to at the state for information on this?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Thursday, February 12, 2015 4:10 PM
To: Murray, David (GOV)
Subject: RE: contact for Harvey Hollins' office

Ok thanks dave

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, February 12, 2015 3:52 PM
To: Fonger, Ronald
Subject: RE: contact for Harvey Hollins' office

Hi Ron,

Sorry for the delay, will have something for you shortly.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Thursday, February 12, 2015 11:28 AM
To: Murray, David (GOV)
Subject: contact for Harvey Hollins' office

Dave:
I just spoke to Pastor Alfred Harris with Concerned Pastors for Social Action.
He talked about a conference call yesterday with Harvey Hollins, and said Hollins has asked the cities of Flint and Detroit for information about the cost of supplying water to Flint.
I tried to reach Brad Wurfel as a starting point on this but I'm not having any luck. Who should I be talking to at the state for information on this?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

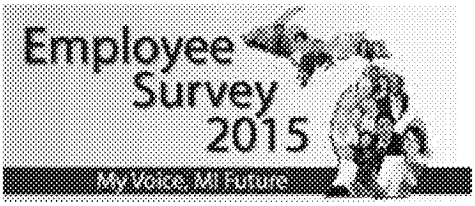
From: Wheaton, Bob (DHS)
Sent: Friday, February 20, 2015 5:18 PM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Flint Water

Brad,

This isn't directly related to water quality in Flint, but FYI I'm providing you data I sent Angie Hendershot at Channel 12 Flint in response to her request for information on State Emergency Relief payments for Flint water customers who had their water shut off or were facing shutoff. Also CC'ing Sara and Dave. Dave and I discussed this a couple of weeks ago.

Have a great weekend.

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov



Let your voice be heard!
Take the employee survey March 9-March 30

From: Wheaton, Bob (DHS)
Sent: Friday, February 20, 2015 4:51 PM
To: 'Hendershot, Angie'
Subject: RE: Water

Here is the data. Please let me know if you need any clarification:

DHS has authorized $106,189 in State Emergency Relief for water and sewer services in the city of Flint from Oct. 1, 2014-Feb. 13, 2015. This amount includes bill assistance payments and payments for deposits and/or reconnect fees for 566 households.

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Friday, February 20, 2015 4:48 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

Ok – thank you

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Friday, February 20, 2015 4:33 PM
To: Hendershot, Angie
Subject: RE: Water

Angie,

I'll have this information to you by 5 p.m. today or shortly thereafter.

Bob

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 18, 2015 5:14 PM
To: 'Hendershot, Angie'
Subject: RE: Water

That's possible, but I can't say for sure. I should have a better idea tomorrow. Thanks for your patience.

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Wednesday, February 18, 2015 4:26 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

That would be wonderful!!!!! Thank you so much. A few days is fine. Can I have it by Friday COB?

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Wednesday, February 18, 2015 10:30 AM
To: Hendershot, Angie
Subject: RE: Water

Angie,

I did some more checking, and our Data Unit should be able to run a report that would break this down either by ZIP code or by city. This could take a few days. What is your current deadline?

Thanks,

Bob

From: Wheaton, Bob (DHS)
Sent: Wednesday, February 18, 2015 9:03 AM
To: 'Hendershot, Angie'
Subject: RE: Water

Hi Angie,

Our county director said it can't be broken down by ZIP code. I'm checking with someone in our Central Office to see if she knows a way to do that. I will let you know.

Thanks,

Bob

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Tuesday, February 17, 2015 9:53 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

Hi Bob – just checking in to see if you were able to split this by zip codes. Thanks for your help - Angie

---

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Friday, February 13, 2015 3:13 PM
To: Hendershot, Angie
Subject: RE: Water

Hi Angie,

Here is data for Genesee County on DHS assistance for water/sewer and for reconnect/disconnect fees. I've been told that we don't track by city, but I'm double-checking. What do you mean when you say that "DHS was able to get Flint to a different rate …"? Are you saying that DHS was increasing the maximum dollar amount of State Emergency Relief assistance for water customers in Flint?

For the period of October – December 2014 the following payments were made in Genesee County for water/sewer:

Unduplicated Recipients	Total expenditures
1,110	$56,035.26

In addition, the following reconnect/disconnect fees were paid:

Unduplicated Recipients	Total expenditures
512	$26,253.68

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Wednesday, February 11, 2015 6:02 PM

To: Wheaton, Bob (DHS)
Subject: RE: Water

Lol – thanks!
If you can break it down for flint and genesee county that is my first choice – the story is about flint. Or if you can show me how to break it down or point me in the direction of someone who can help with that (even off camera) I'd really appreciate it. I do know Flint was so much higher that DHS was able to get flint to give them a different rate – so it must have been broken down at one point? I could really use your help with this.

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Wednesday, February 11, 2015 5:56 PM
To: Hendershot, Angie
Subject: RE: Water

I've noticed you're very good at multi-tasking during breaks!

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Wednesday, February 11, 2015 5:54 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

Sorry for sporadic sentences – still anchoring the news but wanted to catch you while you are at your desk!

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Wednesday, February 11, 2015 5:49 PM
To: Hendershot, Angie
Subject: RE: Water

Hi Angie,

This issue is not something we're going to want our Genesee County DHS officials to comment on. Communication with media about the Flint water situation has been handled by the communications staff/leadership at the relevant state agencies. And it wouldn't be appropriate for DHS to get involved in any discussion regarding any water rates in Flint or in any other community.

I can tell you that DHS Children's Protective Services will not remove a child from a home solely because of the lack of water in that home. We will work with families to address the issue – by providing State Emergency Relief funding from DHS, by suggesting that children use water at relatives' homes, by referring families to call 211 or turn to local nonprofits for assistance. DHS also has provided hygiene kits to children in schools and has caseworkers in schools in Flint and around Michigan to assist children and families with these types of issues.

Unfortunately, there are low-income families in communities around the state who at times struggle to pay their water bills. Families that meet income eligibility requirements can receive State Emergency Relief if they have had their water shut off or have received shut-off notices. State Emergency Relief of up to $200 is available for reconnecting to water services and up to $175 to pay past due bills needed to reconnect.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510

P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Wednesday, February 11, 2015 11:09 AM
To: Wheaton, Bob (DHS)
Subject: Re: Water

Hi Bob - I can move the shoot date for the interview to wed one week from today - afternoon if possible. Just wasn't sure if fri was too quick of turn around w the budget. Thanks - Angie

Sent from my iPhone

On Feb 10, 2015, at 11:18 PM, "Wheaton, Bob (DHS)" <WheatonB@michigan.gov> wrote:

> Hi Angie,
>
> Sorry I didn't get back to you sooner. I did get this email. I'm tied up with a lot of work related to the governor's budget announcement on Wednesday.
>
> I hope to touch bases with you Wednesday afternoon.
>
> Thanks,
>
> Bob Wheaton
> Manager of Communications/Public Information Officer
> Michigan Department of Human Services
> 235 S. Grand Ave. Suite 1510
> P.O. Box 30037
> Lansing, MI 48909
> Phone: 517-373-4287
> Cell: 517-281-1701
> WheatonB@michigan.gov
> www.michigan.gov/dhs
>
> **From:** Hendershot, Angie [mailto:angie.hendershot@abc12.com]
> **Sent:** Monday, February 09, 2015 10:42 PM
> **To:** Wheaton, Bob (DHS)
> **Subject:** RE: Water
>
> Hi Bob,

I'm working on a story about people in Flint who are getting reported to CPS because they don't have water. Their children are coming into school -- and they are not clean, stink or struggle because they do not have water at home. I have heard this is a big problem because of the service fees, shut off fees and cost of Flint water. Those on fixed incomes are struggling -- even with help from DHS. I want to talk to someone in Genesee County about how common this is -- what they are seeing (as far as families living together, going without water, illegally hooking up water, etc) Also -- about the resources DHS is having to use to pay fees to hook up water once it is cut off.

Thank you,
Angie Hendershot
810-577-2465

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Monday, February 09, 2015 5:30 PM
To: Hendershot, Angie
Subject: RE: Water

If you can send me the questions, I'll discuss with the people at Genesee County DHS and let you know.

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Monday, February 09, 2015 5:30 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

I thought your name was familiar! I'm sorry my voicemail was full -- I anchor the 5pm news so I can't answer my phone! I can send you the questions - but is there anyway I can actually speak with someone who works with these people in the Flint area? Thank you - Angie

---

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Monday, February 09, 2015 5:25 PM
To: Hendershot, Angie
Subject: RE: Water

By the way, I hope all is well in Genesee County. I worked at The Flint Journal as a reporter from 2001-2007.

From: Wheaton, Bob (DHS)
Sent: Monday, February 09, 2015 5:23 PM
To: 'Hendershot, Angie'
Subject: RE: Water

Angie,

All communication on this issue is coming from our Office of Communications.

I can work with the Genesee County office to get you some information.

Can you tell me specifically what you need and what is your deadline?

Thanks,

Bob

From: Hendershot, Angie [mailto:angie.hendershot@abc12.com]
Sent: Monday, February 09, 2015 5:21 PM
To: Wheaton, Bob (DHS)
Subject: RE: Water

Hi Bob, thank you so much for returning my call. This helps. I'd really like to talk to someone at the Genesee County office about just how many families are going through this. Thank you - Angie

---

From: Wheaton, Bob (DHS) [mailto:WheatonB@michigan.gov]
Sent: Monday, February 09, 2015 5:06 PM
To: Hendershot, Angie
Subject: Water

Hi Angie,

I just tried to return your call, and got a message that your voice mail box is full.

The Michigan Department of Human Services offers State Emergency Relief to eligible households that have had their water disconnected or that have received a disconnection notice. We can assist with up to $200 for reconnection, and $175 to pay past-due bills that are needed for someone to have water services restored or prevent disconnection. We always encourage people to try to work with their provider if they start falling behind on paying their bill so they don't reach the point of a disconnection.

I believe you also had some questions about the cost of water in Flint and the cost of reconnection. We really wouldn't want to speak to that. I would defer to the people at the city of Flint to provide that type of information.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

From: Agen, Jarrod (GOV)
Sent: Tuesday, March 03, 2015 8:48 AM
To: Murray, David (GOV)
Subject: FW: Contaminated Drink Water if Flint

-----Original Message-----
From: Workman, Wayne (TREASURY)
Sent: Tuesday, March 03, 2015 4:18 AM
To: Muchmore, Dennis (GOV)
Cc: Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Subject: Re: Contaminated Drink Water if Flint

I am going to price the water to see how much we can buy

Sent from my iPhone

> On Mar 2, 2015, at 11:56 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:
>
> Might want to get Jarrod and Terry Stanton on this as well as Harvey. Otherwise it will get out of hand. It's in the city's long term interest to make the KWA work and we can make the river water safe, but we need to work with the ministers this week to help them out. It's tough for everyday people to listen to financial issues and water mumbo jumbo when all they see is problems. You can't expect the ministers to hold the tide on this problem.
>
> How about cutting a deal with Ice Mountain or Bill Young and buying some water for the people for a time? $250K buys a lot of drinking water and we could distribute it through the churches while we continue to make the water even safer.
>
> If we procrastinate much longer in doing something direct we'll have real trouble.
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> From: Kelly Rossman-McKinney
> <krossman@truscottrossman.com<mailto:krossman@truscottrossman.com>>
> Date: March 2, 2015 at 8:26:34 AM EST
> To: Dennis Muchmore
> <muchmored@michigan.gov<mailto:muchmored@michigan.gov>>
> Subject: FW: Contaminated Drink Water if Flint
>
> Please call me so we can discuss. This issue is out of hand. We do pro bono work for the city on an as-needed basis, plus we also work for Veolia, the water consultant they brought on board. I'm concerned about the implications that this may have racial overtones. Ugh.
>
> [https://sites.google.com/a/truscottrossman.com/oct17/home/email-logo.
> png]

>
>
> Kelly Rossman-McKinney
> CEO
> Truscott Rossman •
> truscottrossman.com<http://www.truscottrossman.com/>
> Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
> 200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
> 125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503
>
> Cell: PPI
> Office: (517) 487-9320
> Fax: (517) 487-5080
>
>
>
> From: Gerald Ambrose [mailto:gambrose@cityofflint.com]
> Sent: Monday, March 02, 2015 7:36 AM
> To: Kelly Rossman-McKinney
> Subject: Fwd: Contaminated Drink Water if Flint
>
>
> Welcome to Monday. Please advise asap as to any next steps you recommend, if any.
> ---------- Forwarded message ----------
> From: "Dayne Walling"
> <dwalling@cityofflint.com<mailto:dwalling@cityofflint.com>>
> Date: Mar 2, 2015 7:29 AM
> Subject: Fwd: Contaminated Drink Water if Flint
> To: "Gerald Ambrose"
> <gambrose@cityofflint.com<mailto:gambrose@cityofflint.com>>, "Natasha
> Henderson"
> <nhenderson@cityofflint.com<mailto:nhenderson@cityofflint.com>>,
> "Peter Bade" <pbade@cityofflint.com<mailto:pbade@cityofflint.com>>
> Cc:
>
> FYI:
> ---------- Forwarded message ----------
> From: Arlington Dumas <ac2dumas@yahoo.com<mailto:ac2dumas@yahoo.com>>
> Date: Sat, Feb 28, 2015 at 2:09 PM
> Subject: Contaminated Drink Water if Flint
> To: "randall@udayton.edc<mailto:randall@udayton.edc>"
> <randall@udayton.edc<mailto:randall@udayton.edc>>
> Cc: "mail103@foxtv.com<mailto:mail103@foxtv.com>"
> <mail103@foxtv.com<mailto:mail103@foxtv.com>>, WFLT 1420 Am
> <wflt1420am@aol.com<mailto:wflt1420am@aol.com>>, Abc12news
> <abc12news@abc12.com<mailto:abc12news@abc12.com>>, Wnem Desk
> <wnem@wnem.com<mailto:wnem@wnem.com>>, Scot Johnson Wnem
> <scot.johnson@wnem.com<mailto:scot.johnson@wnem.com>>,
> "news@wjr.com<mailto:news@wjr.com>"
> <news@wjr.com<mailto:news@wjr.com>>,
> "assigmentdesk@wdiv.com<mailto:assigmentdesk@wdiv.com>"
> <assigmentdesk@wdiv.com<mailto:assigmentdesk@wdiv.com>>, "D. Adams"

> <dadams5@mlive.com<mailto:dadams5@mlive.com>>,
> fox2newsdesk@foxtv.com<mailto:fox2newsdesk@foxtv.com>,
> "nikkibednarski@cumulus.com<mailto:nikkibednarski@cumulus.com>"
> <nikkibednarski@cumulus.com<mailto:nikkibednarski@cumulus.com>>,
> "mageorge@freepress.com<mailto:mageorge@freepress.com>"
> <mageorge@freepress.com<mailto:mageorge@freepress.com>>, "B. Thorne"
> <bthorne@flintjournal.com<mailto:bthorne@flintjournal.com>>, "Rev.
> Reggie Flynn"
> <pastorreggieflynn@yahoo.com<mailto:pastorreggieflynn@yahoo.com>>,
> "wxyzdesk@wxyz.com<mailto:wxyzdesk@wxyz.com>"
> <wxyzdesk@wxyz.com<mailto:wxyzdesk@wxyz.com>>,
> "wflt1420@aol.com<mailto:wflt1420@aol.com>"
> <wflt1420@aol.com<mailto:wflt1420@aol.com>>,
> "cspacouriernews@yahoo.com<mailto:cspacouriernews@yahoo.com>"
> <cspacouriernews@yahoo.com<mailto:cspacouriernews@yahoo.com>>,
> "dshepardson@depnewss.com<mailto:dshepardson@depnewss.com>"
> <dshepardson@depnewss.com<mailto:dshepardson@depnewss.com>>,
> "promotion@wsmh.com<mailto:promotion@wsmh.com>"
> <promotion@wsmh.com<mailto:promotion@wsmh.com>>, Eric Mays
> <emays@cityofflint.com<mailto:emays@cityofflint.com>>, Emergency
> Manager <em@cityofflint.com<mailto:em@cityofflint.com>>, Brenda
> Williams
> <brwilliams@visionmpinc.com<mailto:brwilliams@visionmpinc.com>>,
> Wantwaz Davis <wantwazd@yahoo.com<mailto:wantwazd@yahoo.com>>, Monica
> Galloway <mgfavor32@comcast.net<mailto:mgfavor32@comcast.net>>,
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> <vvanburen@cityofflint.com<mailto:vvanburen@cityofflint.com>>, Jackie
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> Wantwaz Davis <wdavis@cityofflint.com<mailto:wdavis@cityofflint.com>>,
> Brian Nolden <bnolden754@comcast.net<mailto:bnolden754@comcast.net>>,
> "hwinford@cityofflint.com<mailto:hwinford@cityofflint.com>"
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> Brown <ibrown@cityofflint.com<mailto:ibrown@cityofflint.com>>, Peter
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> "knelson@cityofflint.com<mailto:knelson@cityofflint.com>"
> <knelson@cityofflint.com<mailto:knelson@cityofflint.com>>, "Loyst
> Fletcher Jr." <lfletcherj@aol.com<mailto:lfletcherj@aol.com>>,
> "skincaid9@comcast.net<mailto:skincaid9@comcast.net>"
> <skincaid9@comcast.net<mailto:skincaid9@comcast.net>>, Scott Kincaid
> <skincaid@cityofflint.com<mailto:skincaid@cityofflint.com>>, Dan
> Kildee <dkildee58@gmail.com<mailto:dkildee58@gmail.com>>,
> "rfonger1@mlive.com<mailto:rfonger1@mlive.com>"
> <rfonger1@mlive.com<mailto:rfonger1@mlive.com>>, Gregory Eason
> <gregoryeason56@gmail.com<mailto:gregoryeason56@gmail.com>>,
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> <dwalling@cityofflint.com<mailto:dwalling@cityofflint.com>>, Valdemar
> Washington <vlwlegal@aol.com<mailto:vlwlegal@aol.com>>, "John W.
> Carpenter" <cmuparents@aol.com<mailto:cmuparents@aol.com>>, Johnnie
> Coleman Coleman <jalwaysc@yahoo.com<mailto:jalwaysc@yahoo.com>>,
> Deloris Richardson
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> Pritchard <jpritch57@comcast.net<mailto:jpritch57@comcast.net>>,
> Hershal Pritchard
> <pritch32@sbcglobal.net<mailto:pritch32@sbcglobal.net>>, AC Dumas
> <ac2dumas@yahoo.com<mailto:ac2dumas@yahoo.com>>
>
> Good Afternoon, Attorney Randall!
>
> Thank you for returning my call on the other day! Again, my concern as is others in the City of Flint, Michigan regarding the drinking water source for the water customers of the City of Flint. I have enclosed one of the lasted article written by the local newspaper, "The Flint Journal" regarding the Flint River water. Needless to say, the water is dangerous to our health! GM will not use the water at its Engine Plant in Flint to wash engines parts!
>
> We need your help to guide us to the profession people that know about "Bad Drinking Water and Environmental Racism". I truly believe it's "Environmental Racism" at its worst or should I say best! As a resident of flint, Past President of the Flint Branch NAACP, newly elected VP of the Flint Branch NAACP and the most listen to broadcast host during that time on Flint's premiere gospel station, WFLT 1420AM, each Saturday morning from 9:30-10AM, I have challenged our elected officials to step up to the plate and fix this water problem!
>
> I'll be asking the Executive Committee of the Flint Branch of the NAACP to request from our National Office if we can proceed with a possible "Environmental Racism" lawsuit with their assistance and the assistance of other civil rights groups and others to "file briefs in support of our efforts against those parties involved with the changing and the using of the Flint River as our water drinking source.
>
> The City of Flint has Emergency Manager #4 since our "takeover", and cares less about the residents or the water concerns of its Customers of Flint! Please help us with our problem by directing us to the right professional people. Please go to www.actionpa.org/fluroride/ej.html<http://www.actionpa.org/fluroride/ej.html> regarding "Environmental Racism" I have attached an article from the Flint Journal, and may Google other articles regarding the Flint's water source, including how we arrived to where we are on today.
>
> Thank you very much in advance!!
>
> I remain.
>
> AC Dumas, Concerned Resident
>
>
>
> --
> Dayne Walling
> Mayor, City of Flint

> City Hall, 1101 S. Saginaw St.
> Flint, MI 48502
> 810-766-7346
> mayor@cityofflint.com<mailto:mayor@cityofflint.com>
> www.cityofflint.com<http://www.cityofflint.com/>
> follow me on twitter at http://twitter.com/mayorwalling
> <CCF02282015_0002.pdf>

From: Saxton, Thomas (Treasury)
Sent: Tuesday, March 03, 2015 1:05 PM
To: Wisniewski, Wendy (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: RE: Flint Phone Call

Wayne & I would be able from around 3:15 to 4:00. If that works I assume someone will send around a call-in.

From: Wisniewski, Wendy (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Hollins, Harvey (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: RE: Flint Phone Call

Beth is available 3:00 – 4:30

From: Hollins, Harvey (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); Wisniewski, Wendy (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: Flint Phone Call
Importance: High

I'd like to convene a phone call today to discuss a Flint water solution. Please let Stacie know your availability for a call today anytime between 2pm and 5pm and she will send out the appointment and conference line information. I'll loop in Gerry Ambrose once we reach consensus.

Best,
Harvey

From: Clayton, Stacie (GOV)
Sent: Tuesday, March 03, 2015 1:13 PM
To: Murray, David (GOV)
Subject: RE: Flint Phone Call

Thank you!

Stacie

From: Murray, David (GOV)
Sent: Tuesday, March 03, 2015 1:10 PM
To: Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: RE: Flint Phone Call

Jarrod and I are both fine with 3:15.

From: Hollins, Harvey (GOV)
Sent: Tuesday, March 03, 2015 12:56 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Saxton, Thomas (Treasury); Clement, Elizabeth (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Workman, Wayne (TREASURY)
Cc: Clayton, Stacie (GOV); Wisniewski, Wendy (GOV); VanSickle, Michele (GOV); Pleyte, Beth (Treasury); Dempkowski, Angela (Treasury)
Subject: Flint Phone Call
Importance: High

I'd like to convene a phone call today to discuss a Flint water solution. Please let Stacie know your availability for a call today anytime between 2pm and 5pm and she will send out the appointment and conference line information. I'll loop in Gerry Ambrose once we reach consensus.

Best,
Harvey

From: Agen, Jarrod (GOV)
Sent: Tuesday, March 03, 2015 5:30 PM
To: Wurfel, Sara (GOV); Rexford, Tori (GOV); Murray, David (GOV); Biehl, Laura (GOV)
Subject: Comms Update tomorrow
Attachments: Gov Comms Update 3-4-15.docx

Our comms update with Governor is first thing in the morning tomorrow.
See current agenda and let me know if I'm missing anything.
Will add any breaking news tomorrow morning.

Communications Update Meeting
March 4, 2015

- Not Responsive

- Flint Water
  - Extreme Comments
  - Short Term Plan: Filters?
  - Long Term Messaging

- Not Responsive

Upcoming Events:

- Not Responsive

Interviews:

- Not Responsive

From: Clayton, Stacie (GOV)
Sent: Friday, March 06, 2015 10:27 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Murray, David (GOV)
Cc: Hollins, Harvey (GOV)
Subject: FW: Tap Filters

You all were not included on the original email and Harvey wanted to make sure you had this information.

Stacie

Begin forwarded message:

From: "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
Date: March 5, 2015 at 4:26:25 PM EST
To: "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Cc: "Baird, Richard (GOV)" <bairdr@michigan.gov>, "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>
Subject: FW: Tap Filters

Harvey,
Since group call Tuesday I have been working out how the filter idea might take shape.

To reiterate some key points so we're all clear:

1. DEQ does not inspect individuals' homes in a situation like this. It's the city's system, their operators handle all complaints and maintenance. In fact, our folks alerted me that the city's got union rules in place forbidding any contractor from touching the system.
2. DEQ's role is limited to ensuring the plant is operating to state standards and the water it produces meets potability standards. The aesthetic issues drawing concern from residents – color, odor, taste – stem from a variety of things. Age of the system and prolonged lack of upkeep is the leading factor. But in some areas, another contributing factor is changes in water flow – source used to come from the south, now comes from the north, so some pipes are flowing in reverse, stirring up whatever was settled for a long time. In some sections, large pipes that historically served large communities are now serving a much smaller customer base, contributing to water stagnating in the system. In some areas, household connections are old and worn, so two neighbors may be having dramatically different experiences. My point is, the challenge takes many forms and there's no single solution that will bring sweeping change. The two consultants hired by the city have, as I understand it, both reinforced this idea in their assessments, so that's good.

3. The fix for this will be years in the making, truly. Even if full funding were available, 'big dig' projects can't all happen at once. The city needs to get an assessment of its infrastructure so it can prioritize its needs, and I understand

they're working on that. In the near term, maintenance this spring / summer – things like cleaning the pipes in key sections and flushing the system via the hydrants – could offer some short term results. I know nobody wants to just wait for spring, but that is something important to keep in mind.

4. In the meantime, the group discussed possibly making home water filters available somehow. The National Safety Foundation is a Michigan company, headquartered and founded in Ann Arbor, that develops standards for all kinds of infrastructure. They're a globally recognized source for standard setting. A look at their site reveals there are myriad filtration options on the market and within each type (faucet mounted, whole house line filters, etc) there are filters that focus on different aspects of purification.

   If this idea begins to get legs, I'd suggest testing some different models on the local water at the customer level to see if they work. I'd also suggest the idea be focused on tap-mounted models to promote clean, appealing drinking water. And I'd suggest this program could be funded in whole or in part by the state, but would need to be administered by the city (reinforcing the fact that they own, operate and service the system). I've got some information on filter models below.

   Two more considerations: One, while the state has provided residents in some communities with bottled water in the past, it always has to do with their water being somehow contaminated – as in, some kind of chemical plume that impaired local drinking water sources. This would be the first time the state took steps to deal with what is an aesthetic issue on a system where the water is meeting state drinking water standards.

Water filter info:
ANSI NSF Standard 42 Covers bacteriostasis, taste and odor (associated only with chlorine removal), and other aesthetic conditions
http://standards.nsf.org/apps/group_public/download.php/19895/NSF_42-11%20-%20watermarked.pdf

ANSI NSF Standard 53 Covers health effects removal
http://standards.nsf.org/apps/group_public/download.php/19896/NSF_53-11a%20-%20watermarked.pdf

It is important to note that the filters are not required to meet all aspects of the standard, only the portions they want to make claims for. So product information for each filter must be reviewed to determine its applicability.

Most of these point of use filters are basic activated carbon filters that simply remove taste and odor specifically associated with chlorine, not other things like iron, manganese, hydrogen sulfide, etc. that can also impact taste and odor as well as color.

It is important to recognize that taste and odor is generally an individual preference and such standards have for the most part not been developed because groups of individuals may still consider taste and odor issues to exist even after levels for such a standard have been met.

Other considerations are that the test water for such filters attempting to meet the standard uses hardness levels of 170 mg/L or less. Flint's water at times may be above this level, which could then impact filter performance and longevity.

Most of these filters are designed to be replaced after 100 gallons or less of use, a period of about 3 months for most households. In addition the tests allow for initial pressure drops of up to 15 psi. This may limit use in households that already rely on minimum pressure within their household plumbing.

Regarding the health effects standards, as the Flint water system already meets such requirements, with the exception of the current TTHM locational running annual average, there is little point to the use of these filters for such a purpose.

To the point you'd asked about the other day, while Flint and Detroit are leading examples of unmaintained infrastructure, Flint is not alone by any means.

This recent infrastructure report card
http://www.infrastructurereportcard.org/michigan/michigan-overview/
Lists Michigan with a $13.8 Billion need over the next 20 years.

http://www.infrastructurereportcard.org/a/#p/state-facts/michigan

Here's a link to the 2009 Report Card for Michigan Infrastructure
http://www.michiganreportcard.com/

From the report:

"A significant portion of the state's primary distribution system is nearing 100 years old. CWS are facing a significant challenge to maintain the vast network of aging, underground infrastructure. Within the city of Detroit alone, approximately 80% of its distribution piping was installed prior to 1940, which is not unusual for CWS in Michigan."

"The age of the majority of the state's distribution system is the primary contributor to normal decay and failure. In many cases, pipe life has far exceeded useful service life. Much of the older water systems consist of undersized mains constructed of materials such as unlined cast iron pipe. Minor fluctuations in system flows or pressure may cause red water complaints and even result in pipe failure. All CWS should have routine flushing and valve maintenance programs; however many are hesitant due to the time and cost."

"Under the Stage 2 Disinfection Byproducts Rule, all CWS that disinfect are required to provide increased trihalomethane (THHM) and haloacetic acid (HAA5) monitoring due to the potential byproducts of chlorine reactions within the pipe system. Corrosion, scale, solid suspension on the interior sidewall of pipe, in addition to the age and condition of the system will require diligent rehabilitation investment to maintain system integrity."

"While better materials and advanced technology is available to replace the aging distribution system, resources remain scarce when compared with the magnitude of the rehabilitation task at hand. Too often, distribution system replacement costs are underfunded and the first item to be slashed when budget problems arise. Overall, distribution system maintenance is reactionary in much of the older systems. Since the majority of the antiquated system will require removal and replacement beyond the CWS funding resources for systematic upgrade, a reactionary rehabilitation program is inevitable and must be funded accordingly."

Call or email me if you need anything further.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

Message

From: Biehl, Laura (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BIEHL LAURA9E1]
Sent: 3/9/2015 4:01:06 PM
To: Bedan, Morgan (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Bedan Morgan683]; Emmitt, Beth (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Emmittb]
CC: Agen, Jarrod (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Agen Jarrod9ea]; Wurfel, Sara (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Wurfels]; Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MurrayD1]; Brown, Jessica (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Brown Jessica741]
Subject: Tuesday AM media briefings

Morgan- here are tomorrow's media briefings. Jarrod reached out to Beth re: moving the entire timing up 5 minutes. Let me know if that's an issue (It was because WWJ couldn't go live at 7:35 because it put them too close to a break and would shorten the interview too much).

RDS –LIVE Radio interview with Tom Jordan and Roberta Jasina of WWJ Radio

Date: Tuesday, March 10, 2015

TIME: 7:30-7:40 a.m.

RDS to call: PPI RDS to call right at 7:30, live within 1 minute

Purpose: Opportunity to discuss the importance of supporting the roads proposal that will be before voters on May 5.

Possible Topics:
Roads
Gun boards bill
DPS/Education Reform
River of Opportunity
2015 Priorities
Budget
MEGA credits
NITC

News Coverage:

Large pothole on Mound Road in Macomb takes out several car tires (WWJ) → http://detroit.cbslocal.com/2015/03/09/large-pothole-on-mound-road-in-macomb-takes-out-several-car-tires/

Clarkston schools apprive $1.5M in technology updates (WWJ) → http://detroit.cbslocal.com/2015/03/09/clarkston-schools-approve-1-5m-in-technology-upgrades/

Michigan film incentive program under scrutiny once again (WWJ) → http://detroit.cbslocal.com/2015/03/08/michigan-film-incentive-program-under-scrutiny-once-again/

State of Michigan faces challenge of workers eligible for retirement (WWJ) → http://detroit.cbslocal.com/2015/03/09/state-of-michigan-faces-challenge-of-workers-eligible-for-retirement/

Last interview: 1/21/15 re: State of the State

Market: Southeast Michigan and online at http://detroit.cbslocal.com/

Contact: PPI (Newsroom) Backup: PPI (Rob Davidek Cell)

RDS –Taped Radio Interview Jason Cooper of WFNT Radio

Date: Tuesday, March 10, 2015

TIME: 7:45-7:55 a.m.

RDS to call: PPI

Purpose: Opportunity to discuss the importance of supporting the roads proposal that will be before voters on May 5.

Possible Topics:
Roads
Gun boards bill signed
Appointments to Human Trafficking Commission- (release from last week: http://michigan.gov/snyder/0,4668,7-277-57577_57657-348984--,00.html)

Flint Water
River of Opportunity

2015 Priorities
Budget
MEGA credits

News Coverage:
Flint Police Department explains weapons inventory discrepancy (WFNT) → http://wfnt.com/flint-police-department-explains-weapons-inventory-discrepancy/

Genesee County gun board will be no more, clerk and state police will issue concealed pistol licenses (Flint Journal) → http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_gun_board_will.html#incart_river

Flint water advisory committee's first meeting erupts in shouting match (Flint Journal) → http://www.mlive.com/news/flint/index.ssf/2015/03/flint_residents_say_committee.html

Consultant's final report on Flint water due this week (Michigan Radio) → http://michiganradio.org/post/consultants-final-report-flint-water-due-week

Protests over water as Flint breaks tie to Detroit (Detroit News) → http://www.detroitnews.com/story/news/local/michigan/2015/03/04/flint-water-protests/24395233/

Michigan's Proposal 1 would mean $12 million more for Saginaw County roads (MLive) → http://www.mlive.com/news/saginaw/index.ssf/2015/03/proposal_1_will_mean_115_milli.html

MSP bringing helicopter to Saginaw County airport to provide eye in the sky (MLive) → http://www.mlive.com/news/saginaw/index.ssf/2015/03/michigan_state_police_helicopt.html

Last interview: 12/8/14 for year-end interview and re: roads on day of Flint JustFixTheRoads roundtable

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Note: Jason Cooper WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show Tuesday from 11-noon.

Contact: PPI Backup - PPI

Laura Biehl

Communications Manager

Executive Office of Michigan Gov. Rick Snyder

George W. Romney Building

111 S. Capitol Ave.

Lansing, MI 48933

Office: (517) 335-6397

Cell: PPI *new number

BiehlL@Michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Wednesday, March 11, 2015 12:39 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: RE: PIO report

Flint: They're technically still in violation of the total trihalomethane rule this quarter. All tested water in February was well below the standard, but the standard is calculated based on an average that includes the previous three quarters, and the fall 2014 results were mighty high. That'll be in the rearview with the next round of testing late spring.

In terms of next steps, not sure if you mean next steps for the city or Team RS. The city has spent tens of thousands hiring water specialists to advise them formally of what they already know and already were told by the DEQ: If you do no maintenance on your drinking water system for 40 years, it eventually begins to fail in ways big and small. However, they've gotten some positive press for hiring shiny, fancy out of state people who purport to specialize in river-based water supply challenges, so there's that.

We've encouraged them to develop a triage list of maintenance areas -- which pieces of this 500-mile system are in greatest need right now, this year and next year? Once they've got that, the next step will be figuring out how to pay for it without causing another rate increase. Honestly, the big squall in Flint (and I heard Jerry Ambrose say it early this week) comes down to the fact that folks are paying approximately double what they should for water. There's no way to adjust that in the near term, but if team RS wants to truly help, treasury could look for some funding to assist with emergency maintenance projects this spring.

Team RS continues looking at some immediate term gestures, including dropping off bottled water or filters to homes that say they've got discolored or stinky water. If someone asked me what I think is the best possible 'thing' we could do to be seen helping Flint, it's this: Treasury gave them $2 million a couple months ago. $900,000 of that was to do system-wide assessment. That project is underway. When they get results, it'll include the list of hotspots in their system that are most in need of immediate address.
They need to do some maintenance work, like scrubbing the mung out of their pipes in some areas. THAT will reduce the discolored / odorific water. If there's a way to have the state support that work, it'd be huge help.

Not Responsive

From: Wurfel, Sara (GOV)
Sent: Tuesday, March 10, 2015 5:19 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV)
Subject: RE: PIO report

Very helpful summary. Thanks much.

Few quick Qs:

Where do we stand on Flint water and next steps?

Not Responsive

From: Wurfel, Brad (DEQ)
Sent: Tuesday, March 10, 2015 12:06 PM
To: Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Cc: Holton, Jennifer (MDA); Golder, Edward (DNR); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Tommasulo, Karen (DEQ)
Subject: PIO report

Sorry I missed the meeting. Had a couple conflicts. Here's what I want to share with you:

1

2 Not Responsive

3. **Flint Water:** had a meeting yesterday with a company Baird put in the room to discuss their ozone technology. It was a good conversation but a non-starter for several reasons (Flint already has an Ozone system to modify its water, this company hasn't had its system certified for use on public drinking water supplies, and the problem they propose to address is not at the water plant but throughout various sections of the distribution system). More broadly, Harvey is looking for a 'thing' the state can be doing for Flint that will position SOM / RS positively. Suggestions range from handing out home water filters (think Britta faucet mount) to passing out jugs of water. After consulting with our experts in the Drinking water program, what we've really come to at DEQ is that if there's funding from treasury (or some charitable donor foundation), the best short-term use of dollars would probably be to hire a company to 'pig' the lines in the distribution system. This is a routine maintenance activity in municipal systems that involves an in-line device under pressure that clears funk out of the lines. **The good news on Flint**: Flint EM Jerry Ambrose noted yesterday that the city has some work to do on its system in the weeks ahead; the TTHM issue is quickly going away; the 'brown water' folks are loud but

really few in number; the consultants are doing their work to make suggestions to help the city prioritize its needs; and, broadly, nobody seems to be targeting the administration recently.

4.

5. Not Responsive

6.

WYANT THIS WEEK:

Not Responsive

Call me with questions. Thanks, and have a great week.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Friday, March 13, 2015 4:02 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: READ THIS PLEASE
Attachments: FOIA Request Flint Water.doc

Political flank cover out of City of Flint today regarding the spike in Legionnaires cases. See enclosed. Also, area ministers put a shot over the bow last night in MIRS with a call for Snyder to declare state of emergency there and somehow 'fix' the water situation.

It may be very advantageous to get Treasury, Gov's office, DCH, DEQ and Flint EM around a table Monday to do the following:

1. Update on what the City is doing.
2. Update on what County Health department is working on.
3. Discussion of what we might all do next.
4. Coordination of communication / messages.

Did not want to reach out to Dennis without your approval / support. Please advise.
b

From: Busch, Stephen (DEQ)
Sent: Friday, March 13, 2015 3:47 PM
To: jhenry@gchd.us
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be

supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GJOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gchd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
E-mail jhenry@gchd.us

Genesee County Health Department

Mark Valacak, M.P.H., Health Officer
Gary K. Johnson, M.D., M.P.H., Medical Director

January 27, 2015

FOIA Coordinator, City of Flint
1101 S. Saginaw Street, 3rd floor
Flint, MI 48502

RE: Flint Water Plant Information Request

Dear FOIA Coordinator,

Under provisions of the Michigan Freedom of Information Act (MCLA 15.231 et seq; MSA 4.1801 (1) et seq) please provide copies of the following:

Provide specific water testing locations and laboratory results within the City of Flint public water system for Coliform, E-coli, Heterotrophic Bacteria and Trihalomethanes from January 1, 2010 to January 27, 2015. Provide any additional water testing that has been conducted for identifying potential public health risks. Include any available mapping of the water testing areas.

Provide a map delineating the boundaries of the City of Flint water distribution system. Include any changes to the boundaries, along with corresponding dates from January 1, 2014 to January 27, 2015.

Provide a map or list of locations, detailing dead ends, pooling, low pressure and any additional areas of concern within the City of Flint water distribution system. Include any modifications to the water distribution system addressing concerns, along with corresponding dates from January 1, 2014 to January 27, 2015.

If you determine that any of the requested information is exempt from disclosure, please detail what is being withheld and cite the exemption under FOIA. I anticipate the request being filled within five working days of receipt of this letter, as provided under FOIA. Please contact me at (810) 257-3618 if there are fees associated to comply with this request.

Sincerely,

Jim Henry

Jim Henry
Environmental Health Supervisor
Genesee County Health Department
630 S. Saginaw Street
Flint, MI 48502

From: Wurfel, Sara (GOV)
Sent: Monday, March 16, 2015 1:38 PM
To: Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Murray, David (GOV); Rexford, Tori (GOV)
Subject: RE: comms update

Not Responsive

Not Responsive Flint water continues to be a relatively big deal with Harvey working on several things that could be big deals. Might be good to bring up with him too.

Not Responsive

From: Biehl, Laura (GOV)
Sent: Monday, March 16, 2015 1:29 PM
To: Agen, Jarrod (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Rexford, Tori (GOV)
Subject: Re: comms update

Looks good to me!

Laura Biehl
Communications Manager
Gov. Rick Snyder and Lt. Gov. Brian Calley
biehll@michigan.gov
office: 517-335-6397

On Mar 16, 2015, at 1:27 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> Please add anything missing.
> Laura – are my interviews correct? Change as needed.
>
> <Gov Comms Update 3-16-15.docx>

From: Fonger, Ronald [RFONGER1@mlive.com]
Sent: Wednesday, March 18, 2015 5:57 PM
To: Murray, David (GOV)
Subject: RE: erin brockovich

She says Flint water fails to meet basic water quality regulations, which I think is a fair comment since we are still in violation of the Safe Drinking Water Act.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, March 18, 2015 5:43 PM
To: Fonger, Ronald
Subject: RE: erin brockovich

I thought the part about the water being unsafe would merit pointing out the DEQ studies.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Wednesday, March 18, 2015 5:32 PM
To: Murray, David (GOV)
Subject: RE: erin brockovich

Hey Dave:
Thanks for the reply.
I always try to report what I know to be accurate, but in this case, no one from the city has contradicted what Bowcock (and now Brockovich) said about Flint water rates being nearly eight times higher than the national average.
As for the rest, she's giving her opinion about the political situation here and mentioned the governor, mayor and emergency manager so I wanted to give each the chance to respond.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, March 18, 2015 5:16 PM
To: Fonger, Ronald
Subject: RE: erin brockovich

Hi Ron,

(I'm assuming your reporting will contrast her statements with what you know to be accurate, so I'll provide a general statement)

We agree that Flint residents need clean, safe water. The governor and state agencies will continue to work closely with Flint leaders to find a solution to the city's long-term water infrastructure needs.

Dave

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Wednesday, March 18, 2015 4:47 PM
To: Murray, David (GOV)
Subject: erin brockovich

Dave:
Erin Brockovich posted this on her Facebook page this afternoon and I've been asked to post about it.
Since it mentions the governor, I wanted to see if your office wants to comment.
Thanks,

Erin Brockovich
2 hrs ·
How to Destroy a City - the American Way.

It has been one month since I became involved with the City of Flint, Michigan, a community expressing deep concern about high sewer and water system rates, for drinking water that fails to meet basic water quality regulations.

The United States Environmental Protection Agency has publish that the average cost for water in the United States is $2.00 per 1,000 gallons, including the service charge. Comparing apples to apples, Flint residents are paying $15.80 per 1,000 gallons, almost 8-times the national average.

The City of Flint starts with a service charge of $39.60 (if divided by a high average of 10 units, it represents an additional $3.90/unit) and a unit charge of $7.92/CCF; Flint's unit is 748 gallons. So, at $11.82 per unit, a 10 unit bill would be equal to $118.20 for 7,480 gallons.

If you can afford the water you're fortunate; if you cannot afford the water you are evicted from your homes or your businesses shutdown.

All of this is perpetrated with Democracy held hostage by a Governor appointed "Emergency Manager"...the elected Mayor a mere ceremonial figure head.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stanton, Terry A. (Treasury)
Sent: Thursday, March 19, 2015 10:42 AM
To: Murray, David (GOV)
Subject: FW: Draft release - restructuring of DWRF bonds
Attachments: DWRF Bond Restructuring.docx

Dave...

The City of Flint is looking to issue this around noon. Jason is aware the date at the top is wrong and is fixing it.

Tom Saxton, Wayne Workman, and our bond folks have signed off.

I sent it to Brad at DEQ before realizing he is with Sara and may not see it. I don't know who the #2 is at DEQ (or if BW has a #2)...but thought maybe you could share with them.

Saxton has shared it with Jim Sygo, Dep Director with DEQ.

From: Stanton, Terry A. (Treasury)
Sent: Thursday, March 19, 2015 10:03 AM
To: Wurfel, Brad (DEQ)
Subject: FW: Draft release - restructuring of DWRF bonds

I have told him the date is wrong at the top...and he is correcting. Otherwise, any issues from your standpoint?

If asked would say this is the result of our and DEQ's work with the city for the last number of weeks, as we continue to assist on the water issue where we can..

You may get other questions about uses of money, etc.

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Thursday, March 19, 2015 9:38 AM
To: Gerald Ambrose
Cc: Howard Croft; Dayne Walling; Natasha Henderson; Elizabeth Murphy; Kelly Rossman-McKinney; Peter Bade; Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury); Bulger, Harold W., Jr.
Subject: Re: Draft release - restructuring of DWRF bonds

All,

I have corrected the numbers and made other small adjustments. Attached is the draft in our release format. Please review and advise.

Thanks,

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

On Wed, Mar 18, 2015 at 4:50 PM, Gerald Ambrose <gambrose@cityofflint.com> wrote:

> We do not have to tie it to a specific project .. we will chose from among the items in the action plan we develop...
>
> On Wed, Mar 18, 2015 at 4:29 PM, Howard Croft <hcroft@cityofflint.com> wrote:
>
> > Jerry,
> >
> > I think you make the point in the letter but is of note that the DWRF loan was **specific to the water fund** and not sewer. Along that same line is whether or not we intend to tie the the funds to a specific project like the $2 million dollar grant from treasury where there is a direct measurable link from the action to the result.
> >
> > On Wed, Mar 18, 2015 at 3:45 PM, Gerald Ambrose <gambrose@cityofflint.com> wrote:
> >
> > > Attached for review and comment is a draft release regarding restructuring of the DWRF bonds. It is necessary for me to issue an order to do this, and it is still subject to Treasury approval. Treasury is waiting for the paperwork, so I am expecting approval. Timing is an issue because the restructuring affects debt service payments due April 1.
> > >
> > > The plan is to sign the order tomorrow and get it to Treasury same day... so I see it as important to get our message out first.
> > >
> > > Note that my discussions with Treasury have been towards freeing up funds for needed capital improvements. Not for reducing rates....
> > >
> > > I am asking Jason/Kelly to get this to whomever else at the state should also review. I am copying Terry Stanton.
> > >
> > > This needs to be ready for release early in the morning.
> > >
> > > Please include Jason in responses regarding editorial comments. let me know if you have issues with substance or timing.
> > >
> > > J
> > >
> > > --
> > > **Howard Croft**
> > > Public Works Director
> > > City of Flint
> > > 1101 S. Saginaw Street
> > > Flint, MI 48502
> > > PH# 810.766.7135 Ext.2043

hcroft@cityofflint.com

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

Flint Emergency Manager Authorizes Bond Restructuring to Afford Additional $2.24 Million toward Capital Improvements in Water

Flint, Michigan – February 25, 2015 – Flint Emergency Manager Jerry Ambrose today authorized a restructuring of four outstanding Drinking Water Supply Revenue bonds to allow postponing current principal payments in the total amount of $2.24 million. This action will allow the $2.24 million budgeted for debt service to be utilized for expenses associated with maintaining safety and improving quality of the Flint water supply. Approval of the State Treasurer is required before the restructuring can occur.

Flint has recently received a final report from Veolia, its water expert advisor, making a series of recommendations to maintain and improve the Flint water supply. These recommendations, along with other input as well as items identified in the City's current capital improvements plan, will be considered as the City develops and implements its action plan to maintain and improve the Flint water supply. Discussion on the development of the action plan will begin today, March 19, 2015 at the Water Advisory Committee meeting, scheduled to begin at 2:00 pm at the Flint Public Library.

The State of Michigan was instrumental in allowing the restructuring, as approvals are required by both the State Treasurer and the Director of the Michigan Department of Environmental Quality. "At all levels, the State of Michigan has been most cooperative in assisting the City of Flint as it addresses the many issues confronting the Flint water system", said Ambrose. "Access to $2.24 million at this time will be very helpful in

–CONTINUE–

moving forward with our action plan."

The proposed restructuring will free up funds to enable the City to more quickly begin implementing recommended improvements to its water treatment and distribution system. Several recommendations for improvement are currently unbudgeted, and the $2.24 million will help assure that the most important can be performed.

Recommendations to be considered include the addition of a Granulated Activated Carbon Filter, estimated at as much as $1.5 million; acceleration of the repair and replacement of values, estimated at an additional $120,000 annually; additional pipeline replacement, estimated at $1 million per mile; and acceleration of the project to automate plant operations, estimated at $450,000. $1.315 million will become available in the City's current fiscal year, and the remaining $925,000 will be available in the next fiscal year.

The bonds are currently financed at a rate of 2.5%, and postponement of the principal payment will incur some additional interest expense over the life of the issue. Interest costs will increase by approximately 2.5% ($228,000) over the 20 year life of the issues.

–END–

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Friday, March 20, 2015 2:50 PM
To: Murray, David (GOV)
Subject: Re: revolving water loan forgiveness

Ok thanks

Sent from my iPhone

> On Mar 20, 2015, at 2:48 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Ron, with the Gov now. Will send a statement when back in the office.
>
> Sent from my iPhone
>
> On Mar 20, 2015, at 2:43 PM, Ronald Fonger <RFONGER1@mlive.com<mailto:RFONGER1@mlive.com>> wrote:
>
> Dave:
> First, I confess I did it again (sent this to your MLive address this morning). I was checking to see if your office will comment for this follow-up story.
> Sorry for resending this so late in the day. I just realized it.
>
> Ron Fonger
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
> address 540 S. Saginaw St. #101, Flint MI 48502
>
>
>
>
>
> From: Ronald Fonger
> Sent: Friday, March 20, 2015 10:34 AM
> To: 'Murray, David'
> Subject: revolving water loan forgiveness
>
> Dave:
> We wrote a story Thursday about Jerry Ambrose restructuring bond repayments to free up money for water system work.
> I had a chance to talk to the mayor later and am working on a follow-up. He says he wants loan forgiveness rather than restructuring, and recalled that he requested that in his letter to the governor.
> Is loan forgiveness for all or part of Flint's revolving water loans being considered?
> Thanks,
>
> Ambrose restructuring: http://www.mlive.com/news/flint/index.ssf/2015/03/flint_emergency_manager_oks_re.html

>
> Walling letter: http://www.mlive.com/news/flint/index.ssf/2015/01/flint_mayor_asks_governor_for.html
>
>
> Ron Fonger
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
> address 540 S. Saginaw St. #101, Flint MI 48502
>
>

From: Stanton, Terry A. (Treasury)
Sent: Friday, March 20, 2015 2:58 PM
To: Murray, David (GOV)
Subject: RE: revolving water loan forgiveness

No problem sir!

From: Murray, David (GOV)
Sent: Friday, March 20, 2015 2:53 PM
To: Stanton, Terry A. (Treasury)
Subject: Re: revolving water loan forgiveness

Thank you very much!

Sent from my iPhone

On Mar 20, 2015, at 2:52 PM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

> As I recalled...legally, we have no authority to do that, and we have told the city that.
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Friday, March 20, 2015 2:46 PM
> **To:** Stanton, Terry A. (Treasury)
> **Subject:** Fwd: revolving water loan forgiveness
>
> Hi Terry,
>
> Ron's asking about Flint loan forgiveness. I can tell about the grants, other things we are doing and can pivot. But just so I know, is loan forgiveness a possibility?
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** Ronald Fonger <RFONGER1@mlive.com>
> > **Date:** March 20, 2015 at 2:43:19 PM EDT
> > **To:** "Murray, David (GOV) (MurrayD1@michigan.gov)" <MurrayD1@michigan.gov>
> > **Subject: FW: revolving water loan forgiveness**
> >
> > Dave:
> > First, I confess I did it again (sent this to your MLive address this morning). I was checking to see if your office will comment for this follow-up story.
> > Sorry for resending this so late in the day. I just realized it.
> >
> > **Ron Fonger**
> > MLive Media Group
> > Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger
Sent: Friday, March 20, 2015 10:34 AM
To: 'Murray, David'
Subject: revolving water loan forgiveness

Dave:
We wrote a story Thursday about Jerry Ambrose restructuring bond repayments to free up money for water system work.
I had a chance to talk to the mayor later and am working on a follow-up. He says he wants loan forgiveness rather than restructuring, and recalled that he requested that in his letter to the governor.
Is loan forgiveness for all or part of Flint's revolving water loans being considered?
Thanks,

Ambrose restructuring:
http://www.mlive.com/news/flint/index.ssf/2015/03/flint_emergency_manager_oks_re.html

Walling letter:
http://www.mlive.com/news/flint/index.ssf/2015/01/flint_mayor_asks_governor_for.html

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stanton, Terry A. (Treasury)
Sent: Friday, March 27, 2015 10:22 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Subject: RE: MEDIA ADVISORY: DPW Water Quality Update

Only that Jason indicates things remain stable. It is time for the city to send out another required notice, which will almost certainly ramp things up.

He said he would fwd info as he can.

From: Wurfel, Sara (GOV)
Sent: Friday, March 27, 2015 10:15 AM
To: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury); Murray, David (GOV)
Subject: FW: MEDIA ADVISORY: DPW Water Quality Update

Do we have any details on this front?

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Friday, March 27, 2015 8:31 AM
Subject: MEDIA ADVISORY: DPW Water Quality Update

FOR PLANNING PURPOSES ONLY

MEDIA ADVISORY: The City of Flint Department of Public Works will be providing the media with an update on water quality.

WHEN: Friday, March 27, 2015 at 2:00pm

WHERE: Mayor's Office Conference Room, Flint City Hall

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, April 06, 2015 10:19 AM
To: Murray, David (GOV)
Subject: RE: request for comment

I hear you and yes I am including that definition.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, April 06, 2015 10:13 AM
To: Ronald Fonger
Subject: RE: request for comment

No, I know YOU know the definition! I'm asking if you're going to include it in the story so the readers know what Davis is actually accusing us of.

Do you know if he was on the council at the time of the request for the switch?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, April 06, 2015 10:04 AM
To: Murray, David (GOV)
Subject: RE: request for comment

Dave:
You mean the deliberate killing of a large group of people, especially those of a particular ethnic group or nation?
Yes, I do.

Ron Fonger
MLive Media Group
Reporter

mobile [PPI]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, April 06, 2015 9:52 AM
To: Ronald Fonger
Subject: RE: request for comment

Ron, I'll shoot you over a comment, but I'm hoping that you, in the story, are pointing out what genocide actually is.

Was Davis on the council when the council asked for the switch to Lake Huron water?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, April 06, 2015 9:22 AM

To: Murray, David (GOV)
Subject: request for comment

Hey Dave:
Just came out of our morning meeting and we've decided to write about the most recent Facebook comments of Flint Councilman Wantwaz Davis (who is also a candidate for mayor).
The comments are similar to those made last month by the president of the Michigan chapter of Al Sharpton's National Action Network, who said Flint water is "almost as bad as gas chambers for Jews." (We spoke out against those comments editorially after covering it as a news story)
Here is Davis' unedited comment, which includes his contention that the governor and emergency manager are "creating an obvious genocide against the residents of Flint."
Thanks,

Wantwaz Davis
18 hrs · Edited ·
It has become apparent to me that the emergency manager and Governor Rick Snyder is creating an obvious genocide against the residents in Flint, Michigan, who are forced to drink the contaminated, unhealthy water, that is going to commit an imminent danger to the lives of those who have a compromised immune system, and infants who biologically doesn't have a fully developed immune system. When I become mayor, I will certainly make the governor and all who took part in continuing to have the residents in Flint, Michigan exposed to this injustice and inexcusable danger accountable; this cannot carry on without someone becoming accountable and or responsible; It is so unfair that people in the future may contract a disease that will carry through the duration of their lives. The emergency manager is choosing finances and fixture of infrastructure, i.e., old pipes that hasn't been worked on for the past 60 to 70 years over lives and welfare of innocent civilians. Someone has to be charged with this neglect and imposition of danger amongst a helpless people; all of this is the effects of bad leadership. I must reiterate and can never say it enough, when I become mayor, which will be the best leader and or Chief administrator the City Of Flint, Michigan has ever chose. I will fight hard, not only against the unjust conditions we have long suffered from, but will make someone accountable for this genocide and address these unfortunate conditions around the nation and beg for the assistance of the Department of Justice (United States Attorney General's office) to do a through investigation, so in the end, if any one contracts a disease in the future, I would attempt to have them charged and brought to justice, including a civil suit, in the federal courts; someone has to be punished for the ills of the residents of Flint, Michigan. In conclusion, please vote August 4, 2015, for Wantwaz Davis for Mayor. Bad leadership and decision making has to come to an end at some point and time, and that will certainly be the day I am sworn in as your new mayor and Chief Administrator. This is a picture of reminder that in the past summer, I conducted 4 protest against the contaminated water and high water bills, I was telling people about the unhealthy water, before any notices came out to the public, attempting to keep these issues at the forefront, as mayor I will continue to fight even harder, these issues will not die until justice is brought to the people and someone is charged for this imminent genocide.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Monday, April 06, 2015 11:33 AM
To: Murray, David (GOV)
Subject: RE: request for comment

The governor believes **everyone** in Michigan deserves clean, safe drinking water. It is why Michigan has a great team of professionals at the DEQ to oversee municipal drinking water operators around the state and make sure they comply with state and federal drinking water standards. And it is worth noting that, today, the city's drinking water system is producing water that meets state and federal standards.
More alarming than the councilman's incendiary and inaccurate remarks is the underexamined fact that the city has failed to properly maintain its drinking water system for the past 40 years, and the impact of that system-wide neglect is starting to show in ways big and small. When the city council votes to return to Detroit as a water supply, it makes a strong statement: they are committed to continuing to spend money they don't have while continuing to ignore the real problem -- simple maintenance of the pipelines.
For its part, The State of Michigan will continue working with city leaders to establish a schedule for necessary fixes and long-term solutions that align with Flint's major needs and available dollars. The problem with the city's water supply did not happen overnight, and a real fix won't happen overnight, either.

I think my RPA is in my other sportcoat. Going to look for it now. …
b

From: Murray, David (GOV)
Sent: Monday, April 06, 2015 11:20 AM
To: Wurfel, Brad (DEQ)
Subject: RE: request for comment

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It's unfortunate that the councilman used such inflammatory rhetoric. The governor believes Flint residents need and deserve safe, clean water. The state continues working with city leaders to help

with their water infrastructure challenges, which were years in the making. That assistance includes $2 million in grants to help with leaks and other issues, which will allow the city to prioritize its repairs and help residents more quickly.

From: Wurfel, Brad (DEQ)
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To: Murray, David (GOV)
Subject: Re: request for comment

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On Apr 6, 2015, at 9:50 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Brad,
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> **To:** Murray, David (GOV)
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> Just came out of our morning meeting and we've decided to write about the most recent Facebook comments of Flint Councilman Wantwaz Davis (who is also a candidate for mayor).
> The comments are similar to those made last month by the president of the Michigan chapter of Al Sharpton's National Action Network, who said Flint water is "almost as bad as gas chambers for Jews." (We spoke out against those comments editorially after covering it as a news story)
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> Wantwaz Davis

18 hrs · Edited ·

It has become apparent to me that the emergency manager and Governor Rick Snyder is creating an obvious genocide against the residents in Flint, Michigan, who are forced to drink the contaminated, unhealthy water, that is going to commit an imminent danger to the lives of those who have a compromised immune system, and infants who biologically doesn't have a fully developed immune system. When I become mayor, I will certainly make the governor and all who took part in continuing to have the residents in Flint, Michigan exposed to this injustice and inexcusable danger accountable; this cannot carry on without someone becoming accountable and or responsible; It is so unfair that people in the future may contract a disease that will carry through the duration of their lives. The emergency manager is choosing finances and fixture of infrastructure, i.e., old pipes that hasn't been worked on for the past 60 to 70 years over lives and welfare of innocent civilians. Someone has to be charged with this neglect and imposition of danger amongst a helpless people; all of this is the effects of bad leadership. I must reiterate and can never say it enough, when I become mayor, which will be the best leader and or Chief administrator the City Of Flint, Michigan has ever chose. I will fight hard, not only against the unjust conditions we have long suffered from, but will make someone accountable for this genocide and address these unfortunate conditions around the nation and beg for the assistance of the Department of Justice (United States Attorney General's office) to do a through investigation, so in the end, if any one contracts a disease in the future, I would attempt to have them charged and brought to justice, including a civil suit, in the federal courts; someone has to be punished for the ills of the residents of Flint, Michigan. In conclusion, please vote August 4, 2015, for Wantwaz Davis for Mayor. Bad leadership and decision making has to come to an end at some point and time, and that will certainly be the day I am sworn in as your new mayor and Chief Administrator. This is a picture of reminder that in the past summer, I conducted 4 protest against the contaminated water and high water bills, I was telling people about the unhealthy water, before any notices came out to the public, attempting to keep these issues at the forefront, as mayor I will continue to fight even harder, these issues will not die until justice is brought to the people and someone is charged for this imminent genocide.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Tuesday, April 07, 2015 12:38 PM
To: Murray, David (GOV)
Subject: Re: News media request for comment

Thanks David

On Tue, Apr 7, 2015 at 12:37 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

The councilman's comments are unrelated to any decision on a potential transition.

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Tuesday, April 07, 2015 12:37 PM
To: Murray, David (GOV)
Subject: Re: News media request for comment

Any comment on how Davis' comments could affect the appointment of a transition advisory board?

On Tue, Apr 7, 2015 at 12:34 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Steve, I trust that you are defining genocide so listeners and readers are aware of what the governor is being accused of.

Our statement, which you can attribute to me:

It's unfortunate that the councilman made such incendiary and inaccurate remarks. The governor believes all Michigan residents need and deserve safe, clean water. Today, Flint's water system is producing water that meets all state and federal standards. The state continues working with city leaders to help with the city's water infrastructure challenges, which were decades in the making. That assistance includes $2 million in grants to help with pipeline leaks and other issues, which will allow the city to prioritize its repairs – part of a long-term solution to the city's needs.

Dave

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Tuesday, April 07, 2015 12:01 PM

To: Murray, David (GOV)
Subject: News media request for comment

David,

I'm working on a story about the Flint councilman's "genocide" accusation against the governor.

what's the governor's reaction to the comment? and, could it affect the governor's decision to allow the city to move from an emergency manager to a transition advisory committe?

Steve Carmody

Michigan Radio

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, April 08, 2015 12:00 PM
To: Murray, David (GOV)
Subject: flint loan forgiveness

Hi Dave:
I'm working on a story about Congressman Kildee asking the U.S. EPA for clarification as to whether the city of Flint's loans issued under the Safe Drinking Water State Revolving Fund are eligible for forgiveness.
Kildee's office is expected to issue a news release later today but I just spoke to him and will be posting a story about this this afternoon.
Kildee specifically is asking the EPA about two provisions in federal law that he says could potentially allow for loan forgiveness for a "disadvantaged community."
Does your office want to comment? I'm specifically interested in whether the governor would consider loan forgiveness if the EPA says the loans are eligible for that.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

Message

From: Stanton, Terry A. (Treasury) [/O=MIGOV/OU=EXTERNAL (FYDIBOHF25SPDLT)/CN=RECIPIENTS/CN=D0FF2DC83BC148E2B74491D411906EC8]
Sent: 4/8/2015 12:27:33 PM
To: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MurrayD1]
Subject: FW: PRESS RELEASE: EM Authorizes DWRF Bond Restructuring
Attachments: DWRF Bond Restructuring.pdf

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Thursday, March 19, 2015 12:16 PM
Subject: PRESS RELEASE: EM Authorizes DWRF Bond Restructuring

Flint Emergency Manager Authorizes Bond Restructuring to Afford Additional $2.24 Million toward Capital Improvements in Water

Flint, Michigan – March 19, 2015 – Flint Emergency Manager Jerry Ambrose today authorized a restructuring of four outstanding Drinking Water Revolving Fund (DWRF) bonds to allow postponing current principal payments in the total amount of $2.24 million. This action will allow the $2.24 million budgeted for debt service to be utilized for expenses associated with maintaining safety and improving quality of the Flint water supply. Approval of the State Treasurer is required before the restructuring can occur.

Flint has recently received a final report from Veolia, its water expert advisor, making a series of recommendations to maintain and improve the Flint water supply. These recommendations, and other items identified in the City's current capital improvements plan, will be considered as the City develops and implements its action plan to maintain and improve the Flint water supply. Discussion on the development of the action plan will begin today, March 19, 2015 at the Water Advisory Committee meeting, scheduled to begin at 2:00 pm at the Flint Public Library.

The State of Michigan was instrumental in allowing the restructuring, as approvals are required by both the State Treasurer and the Director of the Michigan Department of Environmental Quality. "At all levels, the State of Michigan has been most cooperative in assisting the City of Flint as it addresses the many issues confronting the Flint water system", said Ambrose. "Access to $2.24 million at this time will be very helpful in moving forward with our action plan."

The proposed restructuring will free up funds to enable the City to more quickly begin implementing recommended improvements to its water treatment and distribution system. Several recommendations for improvement are currently unbudgeted and the $2.24 million will help assure that the most important can be performed.

Recommendations to be considered include the addition of a Granulated Activated Carbon Filter, estimated at as much as $1.5 million; acceleration of the repair and replacement of values, estimated at an additional $120,000 annually; additional pipeline replacement, estimated at $1 million per mile; and acceleration of the project to automate plant operations, estimated at $450,000. $1.315 million will become available in the City's current fiscal year, and the remaining $925,000 will be available in the next fiscal year.

The bonds are currently financed at a rate of 2.5%, and postponement of the principal payment will incur some additional interest expense over the life of the issue. While the interest rate will not increase, the total interest cost will increase by approximately 2% ($228,000) over the 20 year life of the issues.

--END--

-Jason Lorenz

Public Information Officer

City of Flint

(810) 237-2039

jlorenz@cityofflint.com

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
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For Immediate Release

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From: Wurfel, Brad (DEQ)
Sent: Wednesday, April 08, 2015 12:34 PM
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From: Wurfel, Sara (GOV)
Sent: Wednesday, April 08, 2015 2:31 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury)
Subject: FW: PRESS RELEASE: Flint Water Improvements
Attachments: Flint Water Improvements 2015.pdf

FYI

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Wednesday, April 08, 2015 12:04 PM
Subject: PRESS RELEASE: Flint Water Improvements

For Immediate Release

City of Flint Announces Action Plan to Maintain Safety and Improve Quality of Flint Water

Flint, Michigan – April 8, 2015 – The City of Flint is proceeding with a series of actions to ensure the continued safety of Flint drinking water is maintained and that issues of discoloration and odor continue to be addressed. Most notably, the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant is expected to be authorized this week by Emergency Manager Jerry Ambrose.

The introduction of the GAC to the treatment process at Flint's plant will absorb or reduce the chemical precursors which will block or eliminate the formation of TTHM during the filtration process. Engineering and design are underway and installation of the GAC is targeted for completion by mid-July. Cost of this improvement is projected at $1.5 million and will be paid for by the proceeds from the state approved restructuring of the City's Drinking Water Revolving Fund loans.

In addition to the installation of the GAC, the City of Flint is undertaking a number of other improvements to the water system in the coming months, including a water leak detection monitoring, completion of the hydraulic model and subsequent targeted hydrant flushing program, and the replacement of two miles of water main pipe in a critical area of the city. All of these improvements scheduled to occur within the next six months.

"The replacement of this two mile section of pipe along Dupont Street has been identified by a water reliability study as a significant piece of infrastructure and will greatly improve the movement of water in that area of the

city," said Dept. of Public Works Director Howard Croft. Increasing the circulation of the water in the system will immediately result in improvements in water aesthetics, such as discoloration and odor. The MDEQ has given its approval to the project and the process of bidding for construction will begin next week. Construction will take place during the summer of this year.

Ongoing repairs and maintenance also continue to improve the health of the system. To date, about 200 water main breaks have been repaired this year. Whenever major work that may disrupt service is scheduled, the City works to notify residents in the affected area with signage and with posts to cityofflint.com. Updates will include the area of work and the estimated time of completion.

Each main break repair stirs sediments in the line. "Residents should know that there is a chance of discoloration or odor any time work is being done on a main in their area," said Croft. "This is nothing to be alarmed about and it doesn't mean the water is unsafe." If discoloration of water or odor occurs due to repairs, residents are reminded that running the water for a few minutes should clear the line. Anyone with water questions should call 810-787-6537.

The City of Flint remains committed to addressing water related issues. Along with maintaining the safety of the water, addressing quality and affordability are top priorities. The steps outlined above are indicators of the City's progress in addressing the most pressing concerns surrounding water. Emergency Manager Ambrose reiterated that development of a contract with DWSD was not going to happen.

"Those advocating for a return to DWSD do not want to recognize the financial realities of such a move. Not only would such a move increase the City's costs by more than $1million per month, but the water from Detroit is no safer than Flint water, as both entities are measured by the same MDEQ standards that have been in place for years. Why anyone would want to send a million dollars a month to DWSD rather than make necessary repairs to the City's own system is beyond me."

Further updates on the progress being made to improve Flint's water system will released in regular updates to the media and in updates to the City's website, cityofflint.com. Anyone wishing to report an issue can do so under "Online Services". Anyone with questions about these or any other water issues should call the water treatment plant at 810-787-6537.

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–END–

From: Ronald Fonger [RFONGER1@mlive.com]
Sent: Wednesday, April 08, 2015 4:48 PM
To: Murray, David (GOV)
Subject: RE: flint water

That seems to be a part of the problem, but people don't remember having all the boil water advisories or citywide SDWA violation notices when we had Detroit water.
To answer the question though, yes, I've had city officials and consultants quoted many times on the pipes issue.
Thanks again for the responses Dave. Appreciate your help, and trying to keep to keep the coverage fair and square.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, April 08, 2015 3:58 PM
To: Ronald Fonger
Subject: RE: flint water

Thanks. That sounds like a big deal.

I haven't seen all the stories, but have you written that hooking up to Detroit water won't make a difference because the problem is pipes that have not been maintained for 40 years?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, April 08, 2015 3:57 PM
To: Murray, David (GOV)
Subject: RE: flint water

Yes. They need a lesson in timing -- don't put out three press releases on one day with no advance warning.
I'm incorporating it as part of the response

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, April 08, 2015 3:22 PM
To: Ronald Fonger
Subject: RE: flint water

Hi Ron,

Did you get the release today from the city about the new work being done to address the issues of discoloration and odor?

The state continues to support the city in its efforts to address the long-term issues associated with its water infrastructure, including the recent $2 million in grants and $2.24 million debt restructuring that will allow a variety of projects to help with odor and discoloration issues. Administration leaders have met with Concerned Pastors members and Gov. Snyder shares their belief that all Michigan residents deserve clean, safe water. We appreciate their passion in serving their congregation members and determination in helping all the people in their city.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, April 08, 2015 2:40 PM
To: Murray, David (GOV)
Subject: flint water

Hey Dave:
Seriously don't mean to constantly seeking comment, but here goes.
The Concerned Pastors for Social Action had a news conference at 1:30 p.m
It was well attended and all three TV stations were there as well.
Bottom line: Pastor Alfred Harris is again calling on the governor and the city to reconnect Flint water customers to the DWSD.
He's also said if no action is taken, there will be a meeting in one week at his church to discuss legal action to achieve the same end.
The pastors are not taking issue with the cost of renconnection but said Detroit remains the source of the best available water not withstanding the improved TTHM levels in the last round of testing.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, April 09, 2015 11:21 AM
To: Murray, David (GOV)
Cc: Kristin Longley; Bryn Mickle
Subject: RE: A story about the new filters?

Hey Dave:
Bryn is off but I did share your email with Kristin Longley and will likely follow up on the charcoal filter system once the purchase is complete and we have some details.
Sometimes it takes several weeks for us to see those EM resolutions after they have been signed but I will keep an eye out for sure.
If you Google Flint granulated active charcoal filter water, you'll see we've mentioned the potential for this type of system many times -- including several weeks before anyone from the city talked it about it. The news release from the city says the purchase is expected to be authorized, which isn't a lot different than we've reported up to this point.
Thanks for your help as we try to cover all side of this issue.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, April 09, 2015 10:18 AM
To: Bryn Mickle; Ronald Fonger
Subject: A story about the new filters?

Hi Ron and Bryn,

As the MLive alum on the staff, I get to field all the questions about MLive coverage. We just had a meeting and there were some questions for you.

Has there been, or will there be, a standalone story about the $1.5 million investment in the new filter system?

The concern is that when an outside attention-seeker or local agitator puts up a Facebook post, no matter how outlandish the claim, it generates a story and the subsequent social media – and we're grateful for the opportunity to comment on those.

But yesterday the city made an announcement of a tangible effort to address the issues, a true example of the state working with local leaders through restructuring the existing debt. That didn't generate a separate post, but was in a second post – we're counting the video – about the pastors threatening to sue. It wasn't mentioned in the headline, and not until the fifth paragraph. We didn't see any social media traffic on it.

Usually I can explain to the people here that MLive often spreads stories out over several posts to keep content fresh and maximize the amount of clicks. But this one has me stumped, especially on an issue that has been so well covered.

Are you guys planning a story detailing the new filter system? Or, if we've missed one, can you send me the link so I can share it with the folks here to ease their concerns?

Thanks for the help!

Dave

From: Wurfel, Brad (DEQ)
Sent: Thursday, April 16, 2015 12:17 PM
To: Murray, David (GOV)
Subject: RE: Flint SRF Letter

I was chuckling at the alternate universe in my head, where Susan Hedman actually sent Kildee a one-word reply on EPA letterhead. Like a boss.

From: Murray, David (GOV)
Sent: Thursday, April 16, 2015 12:12 PM
To: Wurfel, Brad (DEQ)
Subject: Re: Flint SRF Letter

Didn't see that coming. Well, actually...

Sent from my iPhone

On Apr 16, 2015, at 12:09 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> FYI, Letter from EPA's Susan Hedman to Cong. Kildee regarding his idea to forgive Flint's old SRF loans.
>
> It's four pages, but here's the summary takeaway message:
>
> # No.
>
> b
>
> -----Original Message-----
> From: Deamer, Eileen
> Sent: Wednesday, April 15, 2015 5:52 PM
> To: jordan.dickinson@mail.house.gov
> Cc: Hovey, Amy; Beckmann, Ronna Erin; Fortin, Denise
> Subject: Flint SRF Letter
>
> Jordan -
>
> Please find attached a copy of EPA's response to your March 26, 2015 letter regarding loan forgiveness and the City of Flint.
>
> Thank you,
>
> Eileen Deamer

(312) 886-1728

<20150416053843464.pdf>

From: Muchmore, Dennis (GOV)
Sent: Friday, April 17, 2015 11:40 AM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: RE: Flint SRF Letter

Geez, let's just forgive everyone's loans and make the Wurfel's pay for it.

From: Wurfel, Brad (DEQ)
Sent: Thursday, April 16, 2015 12:09 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV)
Subject: FW: Flint SRF Letter

FYI, Letter from EPA's Susan Hedman to Cong. Kildee regarding his idea to forgive Flint's old SRF loans.

It's four pages, but here's the summary takeaway message:

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b

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Sent: Wednesday, April 15, 2015 5:52 PM
To: jordan.dickinson@mail.house.gov
Cc: Hovey, Amy; Beckmann, Ronna Erin; Fortin, Denise
Subject: Flint SRF Letter

Jordan -

Please find attached a copy of EPA's response to your March 26, 2015 letter regarding loan forgiveness and the City of Flint.

Thank you,

Eileen Deamer
(312) 886-1728

From: Wurfel, Brad (DEQ)
Sent: Friday, April 17, 2015 11:48 AM
To: Muchmore, Dennis (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: RE: Flint SRF Letter

You probably don't want us running Treasury, Chief.

Heads up that EPA Region V Administrator Hedman (author of the letter to Kildee) is in Flint today, talking about brownfields (and getting a lot of questions about water).

Kildee appears to have been too busy to announce he got that formal reply from EPA. However, apparently a few reporters had obtained a copy of it and inquired about it when the pair were in Flint.
b

From: Muchmore, Dennis (GOV)
Sent: Friday, April 17, 2015 11:40 AM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: RE: Flint SRF Letter

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To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
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It's four pages, but here's the summary takeaway message:

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b

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Cc: Hovey, Amy; Beckmann, Ronna Erin; Fortin, Denise

Subject: Flint SRF Letter

Jordan -

Please find attached a copy of EPA's response to your March 26, 2015 letter regarding loan forgiveness and the City of Flint.

Thank you,

Eileen Deamer
(312) 886-1728

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Friday, April 17, 2015 11:52 AM
To: Murray, David (GOV)
Subject: u.s. epa

Hi Dave:
Just wondering if you have any information about the decision of the U.S. EPA on the issue of the possible forgiveness for Flint's water loans.
I've also reached out to Congressman Kildee's office on the same subject but haven't heard back yet.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Doug Moiles <Doug.Moiles@wnem.com>
Sent: Monday, April 20, 2015 10:45 AM
To: Murray, David (GOV)
Subject: Governor's office response to Rep. Kildee

Dave/Communications Staff,

I understand that the Governor's office has responded or is prepared to respond to a request from Rep. Dan Kildee regarding the forgiveness of a number of loans to improve Flint's water system.

If the Governor's office has prepared a response, we respectfully request we be forwarded that response.

Thanks,

Doug Moiles
WNEM TV5 Saginaw
989-758-2100

This electronic message, including any attachments, may contain proprietary, confidential or privileged information for the sole use of the intended recipient(s). You are hereby notified that any unauthorized disclosure, copying, distribution, or use of this message is prohibited. If you have received this message in error, please immediately notify the sender by reply e-mail and delete it.

From: Wurfel, Brad (DEQ)
Sent: Tuesday, June 09, 2015 3:45 PM
To: Brown, Jessica (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Smith, Jennifer (DCH); Wheaton, Bob (DHS)
Subject: FW: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015
Attachments: Flint VN TTHM 6_9_15.pdf

Heads up, Flint is about to get another one of those letters from us. This is once again about the Total Trihalo Methanes. They remain in violation of the standard. The water is fine, but because the standard is based on the average of four quarterly tests, it takes awhile for the 'violation' status to work its way out of the numbers.

So it may get press, but it's not indicative of actual water quality violation in the present sense.
b

From: Busch, Stephen (DEQ)
Sent: Tuesday, June 09, 2015 12:39 PM
To: Howes, Sarah (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)
Cc: Prysby, Mike (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); Rosenthal, Adam (DEQ); Thelen, Mary Beth (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

Attached is a copy of the Violation Notice and Public Notice Template being mailed to the City of Flint by the DEQ Office of Drinking Water and Municipal Assistance regarding an exceedance of the Maximum Contaminant Level (MCL) standard for Total Trihalomethanes at certain locations within the City's drinking water distribution system.

This violation notice is in response to updated monitoring completed in May 2015, which shows the locational running annual average for one of the City's eight compliance sampling locations continues to exceed MCL standard of 0.080 mg/L. It is however, important to note that all individual compliance sample results collected in both May and February were below the 0.080 mg/L levels.

You are being provided an electronic copy of this notice as exceedance of this drinking water standard is expected to generate inquiries from water system customers, news media, and the general public.

Sarah Howes or Maggie Pallone will be informing members of the Michigan legislature.

If you have any questions or would like any additional information, you may contact Michael Prysby, District Engineer, DEQ-ODWMA at 517-290-8817, or you may contact me at the number below.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

June 9, 2015

Mr. Brent Wright, Operations Supervisor
City Of Flint – Department of Public Works
Flint Water Plant
4500 North Dort Highway
Flint, Michigan 48505

WSSN: 02310

Dear Mr. Wright:

SUBJECT: Violation Notice (VN) – Maximum Contaminant Level for Total Trihalomethanes (TTHM)
2nd Quarter 2015 Monitoring Period

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), records show that the city of Flint (City) is in violation of the Safe Drinking Water Act,1976 PA 399, as amended (Act 399); R 325.10610, *Maximum contaminant levels for disinfection byproducts (MCLs)*, of the 1979 Administrative Code.

In accordance with R 325.10610, *MCL*s, of the 1979 Administrative Code, the MCL for disinfection byproduct TTHM is 0.080 milligrams per liter (mg/L) as a Locational Running Annual Average (LRAA) at each monitoring location. As listed in the table below, our records show that the City's highest TTHM LRAA, based on the last four quarters, ending June 30, 2015, is 0.094 mg/L which exceeds the standard, and at this time only one of the eight sample site locations exceed the LRAA standard of 0.080 mg/L.

Our investigation consisted of a review of ODWMA files for laboratory reports received for compliance monitoring. Our investigation is considered complete. This violation began on June 1, 2015, and will continue until the TTHM LRAA is below the MCL at all sample sites.

TTHM Results (mg/L)						
	8/21/14	11/20/14	2/17/15	5/18/15	LRAA	OEL
DBP1 McDonalds 3719 Davison	**0.145**	0.059	0.0162	0.0514	0.068	0.044
DBP2 Liquor Palace 3302 South Dort Highway	**0.127**	0.033	0.0168	0.0635	0.060	0.044
DBP3 North Flint Auto 6204 North Saginaw St.	**0.118**	0.041	0.0149	0.0452	0.055	0.037
DBP4 University Market 2501 Flushing Road	**0.196**	**0.094**	0.0245	0.0598	**0.094**	0.059
DBP5 Taco Bell 3606 Corunna Road	**0.181**	0.034	0.0151	0.0547	0.072	0.040
DBP6 Rite-Aid Pharmacy 5018 Clio Road	**0.144**	0.054	0.0192	0.0605	0.069	0.048
DBP7 Salem Housing 3216 MLK Boulevard	**0.112**	0.050	0.0285	0.0727	0.066	0.056
DBP8 BP Gas Station 822 South Dort Highway	**0.112**	0.036	0.0199	0.0461	0.054	0.037

We are encouraged by the results from the most recent round of compliance samples collected on May 18, 2015, which again show individual TTHM levels below 0.080 mg/L at all locations throughout the City's system. Operational Evaluation Reports from December 2014, February 2015, and May 2015, have identified possible causes and corrective measures for the previous elevated TTHM levels which we encourage the City to continue implementing. These modifications have likely contributed in part to the reduction in TTHM levels reported for the most recent quarter in comparison to levels in May 2014, and suggest the City may be able to achieve compliance with the TTHM standard at all sites by continuing these efforts.

Our office is currently reviewing the Operational Evaluation Report dated May 29, 2015, and will provide the City and their consultant with comments, as needed, to help address this MCL violation.

Further, the TTHM operational evaluation level (OEL) calculated in accordance with R 325.10719l, *Disinfection byproducts: operational evaluation levels*, of the 1979 Administrative Code, is now below the 0.080 mg/L operational evaluation trigger at all eight sample site locations. However, our office is requesting that an operational evaluation again be conducted incorporating the most recent sample results, given the increase in TTHM levels from February 2015 results, and that the next monitoring period of August has been identified as the City's peak month for TTHM levels. **Please provide our office with an updated Operational Evaluation Report by Monday, August 31, 2015.**

If you have any other factual information you would like us to consider regarding the violation identified in this VN, please provide them in a written response by June 23, 2015.

Administrative rule R 325.10403 of Act 399 requires that suppliers provide public notice (PN) as soon as practical, but no later than thirty (30) days after the supplier learns of this type of violation, by mail or direct delivery **and** by any other means reasonably calculated to reach customers not normally reached by mail. Enclosed is a sample PN which contains the minimum required language. The City is encouraged to include additional information regarding its response efforts to this violation. **Please notify your consumers by July 1, 2015, and send us a signed and dated copy of the notice that you issued within ten (10) days of distributing the PN**. This violation must also be included in your 2015 Consumer Confidence Report, due by July 1, 2016. The PN must be repeated every quarter until you no longer exceed the TTHM standard. Failure to issue a PN for this violation will result in a fine of at least $1,000 per event, with a maximum of $5,000 per violation.

We anticipate and appreciate your continued cooperation in resolving this matter. If you have any questions regarding this VN, please contact us at the numbers below; at prysbym@michigan.gov; or rosenthala@michigan.gov; or at DEQ, P.O. Box 30242, Lansing, Michigan 48909-7742.

Sincerely,

Michael F. Prysby, P.E., District Engineer
Lansing District Office
Office of Drinking Water and
Municipal Assistance
517-290-8817

Adam Rosenthal, Environmental Quality Analyst
Lansing District Office
Office of Drinking Water and
Municipal Assistance
517-284-6644

Enclosure

cc: Ms. Jennifer Crooks, U.S. Environmental Protection Agency, Region 5
Mr. Robert Bincsik, City of Flint
Mr. Howard Croft, City of Flint
Mr. Michael Glascow, City of Flint
Genesee County Health Department
Ms. Liane Shekter Smith, DEQ
Mr. Richard Benzie, DEQ
Mr. Stephen Busch, DEQ

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

City of Flint Did Not Meet Treatment Requirements

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Samples were collected for total trihalomethanes (TTHM) analysis from eight locations on a quarterly basis (August 21, November 20 of 2014, and February 17 & May 18 of 2015). The average of the results at **ANY** of the eight locations must not exceed the maximum contaminant level (MCL) for TTHMs, otherwise our water system exceeds the MCL. The standard for TTHMs is 80 micro grams per liter (µg/L). The location reporting the highest TTHM level was 94 ug/L; thus, our water system exceeds the TTHM MCL.

What should I do?

- There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

- You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours.

People who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.

What is being done?

We are currently working on solutions to correct the problem. We anticipate resolving the problem in 2015. Our most recent individual sample results were all less than the 80 µg/L standard, however since compliance is calculated using a locational running annual average (LRAA) of the most recent four quarters, we are still out of compliance with the MCL at one of eight locations.

For more information, please contact Mr. Brent Wright at 517-787-6537, or the Flint Water Plant at 4500 North Dort Highway, Flint, Michigan 48505.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the City of Flint.

CERTIFICATION: WSSN: 02310

I certify that this water supply has fully complied with the public notification requirements in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules.

Signature	Title	Date Distributed

Reminder to water supplier: This notice/certification must be sent to the Department of Environmental Quality.

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, June 24, 2015 5:13 PM
To: Murray, David (GOV)
Subject: aclu video

Dave:
I'm planning to post a link to the video that I've attached from the ACLU of Michigan.
Much of the video is about Flint River water but there's a lot of it that deals with the role that emergency managers played in switching the city's water source.
I've attached a link and wanted to see if your office wants to comment.
Thanks,
https://www.youtube.com/watch?v=xTQOHM5n02o

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, June 25, 2015 10:48 AM
To: Murray, David (GOV)
Subject: RE: aclu video

Thanks Dave.
I'd be glad to include any specifics instances of the inaccuracies if you point them out.

Not Responsive

Thanks for your help,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, June 24, 2015 5:32 PM
To: Ronald Fonger
Subject: RE: aclu video

Hi Ron. I trust that you are pointing out the many inaccuracies and extreme hyperbole in that video. I can give you a statement:

"Gov. Snyder believes all Michigan residents need and deserve safe, clean water, and the state government has worked closely with Flint leaders to help them with their water infrastructure challenges, which were decades in the making. That assistance includes $2 million in grants to help with pipeline leaks and other issues, which allow the city to prioritize its repairs, replacing pipes. That's part of a long-term solution to the city's needs."

Not Responsive

Dave

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, June 24, 2015 5:13 PM

To: Murray, David (GOV)
Subject: aclu video

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Thanks,
https://www.youtube.com/watch?v=xTQOHM5n02o

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Friday, July 10, 2015 12:37 PM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Wyant, Dan (DEQ); Tommasulo, Karen (DEQ); Pallone, Maggie (DEQ); Feuerstein, Heather (DEQ); Thelen, Mary Beth (DEQ); Murray, David (GOV); Brown, Jessica (GOV)
Subject: FW: here's the interim report

Heads up, I just did an interview with Michigan Radio (Lindsey Smith) regarding the lead issue in Flint.

Essentially, one of the residents complained to EPA about water quality in her home, and EPA's lead expert stopped by while he was in town to take some samples. He then completed a draft report and sent it – unvetted by Region V program brass – to the homeowner. That homeowner then leaked it to the ACLU, and the ACLU has been raising hell with it. There's a link to the draft below.

The situation is that Flint is now finishing a second round of statutorily required testing to determine whether the Ph of the Flint River water is causing a problem with lead and copper (popular water line material in old homes). The issue isn't lead in the source water, but in the premise plumbing. So far, tests on 100+ homes last year and another 100 this year are showing the city in compliance with lead and water, so we can say we're not seeing a problem, but we're only 70 % done processing the samples from January – December.

Thanks to Steve Busch for a great debrief on this yesterday afternoon.
b

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Thursday, July 09, 2015 4:48 PM
To: Wurfel, Brad (DEQ)
Subject: here's the interim report

http://www.aclumich.org/sites/default/files/file/EPAWaterReport062415.pdf

--
Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 02, 2015 11:40 AM
To: Murray, David (GOV); Brown, Jessica (GOV)
Subject: All heck breaking loose

As I mentioned at PIO yesterday, this is the shape of the unleashed heck this week on Flint drinking water.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, September 02, 2015 11:34 AM
To: Wurfel, Brad (DEQ)
Cc: Kristin Longley; Bryn Mickle
Subject: lead in flint water

Brad:
I left a message with Mike Prysby on Tuesday, Sept. 1, but wanted to reach out to you also because of stories we are working on about the extent to which lead is becoming an issue in Flint drinking water.
Today, Sept. 2, researchers at Virginia Tech posted the results on an experiment with Flint water online. The report concludes that Flint River water leaches much more lead from plumbing than does Detroit.
"On average, Detroit water is 12 times (or 12X) less corrosive than the Flint River water currently in use … This is creating a public health threat in some Flint homes that have lead pipe or lead solder," the report says.
An earlier post by the same researchers says that initial water tests show "a serious lead in water problem" in Flint, partly because Flint River water is so corrosive to pipes.
Given the state's role in oversight of the city's drinking water system through DEQ and its overall oversight by state emergency managers during the past several years, I wanted to make sure I'm reaching out to the right person to respond to this information.
Could you let me know who that is?
I expect to post the first story about the experiment today and expect the issue will be getting more attention as the VT study of 300 water test kits from Flint is completed.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Muchmore, Dennis (GOV)
Sent: Thursday, September 03, 2015 8:19 AM
To: Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: info about KWA from Drain Commissioner Jeff Wright
Attachments: SKMBT_65215090211430.pdf

FYI

From: Karen Teeples [mailto:K_TEEPLES@gcdcwws.com]
Sent: Wednesday, September 2, 2015 11:44 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: info about KWA from Drain Commissioner Jeff Wright

GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE
JEFFREY WRIGHT
COMMISSIONER
G-4608 BEECHER ROAD, FLINT, MI 48532
PHONE (810) 732-1590 FAX (810) 732-1474

MEMORANDUM

DATE: September 2, 2015

TO: Dennis Muchmore, Chief of Staff, State of Michigan, Office of the Governor
Harvey Hollins III, Director, Office of Urban Initiatives, State of Michigan

FROM: Jeff Wright, Drain Commissioner, Genesee County

SUBJECT: Karegnondi Water Authority
Fact Sheets

Gentlemen,

Find enclosed 3 items as promised at our meeting of August 26, 2015.

1. Original Fact Sheet
   DWSD vs. KWA: 5/1/12

2. KWA Fact Sheet: 9/1/15

3. DWSD Cost of Water

Should you have any questions, do not hesitate to contact me directly at 810-287-1925.

VIA EMAIL: [redacted]

Fact Sheet
City of Flint
DWSD versus KWA

Issue: City of Flint joining Karegnondi Water Authority and leaving City of Detroit water system

Fact: Both the City of Flint and City of Detroit operate their water system via enterprise funds. The water fund does not impact either community's general fund. Leaving the water system will not impact the general fund.

Fact: The City of Flint is a suburban customer of Detroit. If Flint leaves, it only impacts the suburban customer rate, not Detroit's.

Fact: Detroit's own plan calls for (latest available estimate) $1.2 billion dollar improvements to supply redundancy to Flint. If Flint leaves, Detroit avoids this construction cost.

Fact: Detroit and DWSD have experienced bond rating decreases in recent months. If Flint leaves, DWSD avoids a new bond issue and eliminates a capital project from its master plan improving its financial outlook.

Fact: Delivering water to Flint from DWSD is expensive. If Flint leaves, DWSD can reduce its operating and maintenance costs to its contracted customers.

Fact: DWSD has a limited capacity for water treatment and delivery. If Flint leaves, the City can resell that volume to other customers.

Fact: DWSD has multiple drinking water treatment plants. Some are more expensive to operate and maintain than others. Without a commitment to Flint, its largest customer other than the City of Detroit, DWSD may choose to discontinue operation of one or more of its current facilities and realize significant cost reductions to the overall system.

Fact: Flint is not part of the DWSD sewer system. The City of Flint leaving has no impact on the sewer system.

Fact: The creation of the KWA system will create over 1,000 construction jobs in Michigan. Design and construction of the system will take 42 months from July 2012 through December 2015.

Fact: KWA is offering a fixed rate for capital to its customers. Flint joining KWA will give the City a stable rate for upwards of 20 years.

Fact: KWA will offer raw water to the region. Raw water is not enhanced with chemicals, which is undesirable to agribusiness.

Fact: The I-69 corridor/I-75 corridor crosses in Flint. Along with CN and CSX and the pipeline aerotropolis, Flint can be a major transportation center for agribusiness. KWA can provide two products for agribusiness: potable and process (raw) water, and wastewater treatment facilities.

Fact: DWSD does not serve the Thumb region. KWA with its partners will be able to serve both the population with its basic needs: drinking water and the businesses with large quantities of process (raw) water.

Fact: DWSD is the only water supplier for over 4 million residents of the state. The creation of the KWA will create a second water supply system thereby reducing the impact of terrorist attacks on water supplies. With a mutual aid agreement between DWSD and KWA, the system could complement each other.

Fact: DWSD does not provide water supply to major portions of the KWA service area. KWA will provide local municipalities in the thumb region with an alternative water supply to the Arsenic impacted well systems.

In addition, local communities can replace groundwater systems with KWA surface water system and thereby improve local groundwater levels.

The KWA system will provide fire protection service to regions currently not served.

Fact: The current DWSD water system has over 20% water loss in its system. KWA's water supply is expected to have less than a 5% water loss. KWA will provide a more effective use of the waters of the state.

Fact: KWA provides redundant water supply to Flint. Currently, DWSD only provides a single source to Flint. KWA provides multiple supply sources to Flint at a fraction of the cost.

Fact: KWA has offered to purchase excess infrastructure from DWSD. If Flint leaves, Detroit has 25 miles of watermain it no longer needs. KWA has offered to purchase the pipeline and enter into a long-term arrangement for purchase of water from DWSD.

Fact: Each incorporating municipality in KWA will pay the same rate for raw water; therefore, each community will set its own treatment standards and exert local control of the cost of water it provides to its citizens.

Fact: Lapeer and Sanilac Counties are facing depletion of their groundwater supplies.

Karegnondi Water Authority (KWA) Fact Sheet

- KWA is incorporated by the State of Michigan, comprised of the City of Flint, City of Lapeer, Genesee County, Lapeer County, and Sanilac County.

- As specified in its Articles of Incorporation, each of these constituent municipalities has one representative to the board – specifically the Mayors or their designees of the 2 cities (Flint and Lapeer), the Drain Commissioners or their designees from each of the counties (Sanilac, Lapeer, and Genesee).

- KWA will deliver raw water to customer utilities.

- Each governmental unit will still own and operate their respective treatment and distribution systems. GCDC will have no jurisdiction over the City of Flint water. Flint will have all franchise rights for sale and treatment of water from KWA within the City of Flint.

- Each community that obligates itself to the debt for construction of the KWA infrastructure pipeline, intake and pump stations, receives commensurate voting membership to the board.

- Flint's debt obligation is based on the volume as selected by the city.

- Additional members are appointed by their respective communities.

- All board members serve without compensation.

- KWA will operate with 5 to 7 full-time equivalent employees. KWA will contract its labor force.

- To date, only the City of Flint and Genesee County have bought capacity in the project.

- Once KWA water is available, each community receiving untreated Lake Huron water from KWA will pay a share of the operating costs, i.e.: electricity, labor, maintenance, and chemicals in proportion to the volume of water they receive.

- KWA has created a capacity of 60 million gallons per day (mg).

- Flint has purchased 18.0 mgd. Genesee County has purchased 42 mgd. Each purchaser pays based on their purchased capacity. The total project cost will be divided by 60 (total capacity) and each purchaser, Flint and Genesee, will pay the same price per unit.

- The operation and maintenance cost will also be charged based upon the volume purchased annually.

- If a community exceeds capacity, it must either purchase or rent capacity from a community with excess.

- There exists a 30 day rolling average, which will determine if any community exceeds purchased capacity. Water volume purchased for capacity purposes will be calculated on the basis of a 30-day average.

- Capital costs for Flint will be a flat rate of approximately $6.8 million over 30 years.

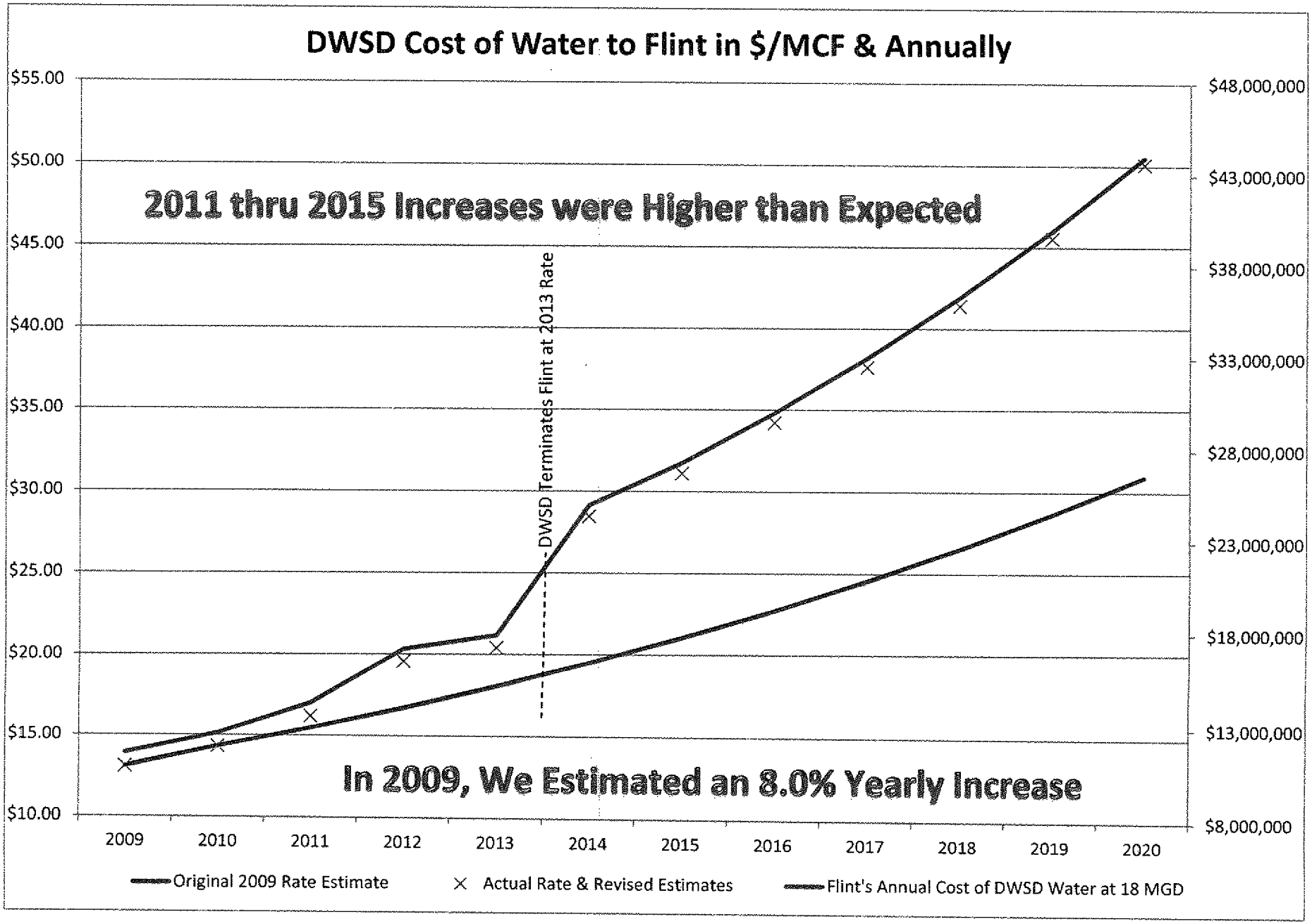
- To date, KWA is below its construction cost projection of $274 million.

- 90 percent of the KWA pipeline route is constructed along public right of ways.

- Any land required, that was outside the road right-of-way, was purchased from the original land owners, not a 3rd party short-term owner.

- All KWA construction contracts have been publically and competitively bid.

- No tax dollars, (Federal, State, or Local) are being used to fund this project. All project costs for KWA are being paid by the Flint and Genesee County water users.


DWSD Cost of Water to Flint in $/MCF & Annually
2011 thru 2015 Increases were Higher than Expected
DWSD Terminates Flint at 2013 Rate
In 2009, We Estimated an 8.0% Yearly Increase
$55.00
$50.00
$45.00
$40.00
$35.00
$30.00
$25.00
$20.00
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$48,000,000
$43,000,000
$38,000,000
$33,000,000
$28,000,000
$23,000,000
$18,000,000
$13,000,000
$8,000,000
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
Original 2009 Rate Estimate
Actual Rate & Revised Estimates
Flint's Annual Cost of DWSD Water at 18 MGD

From: Wurfel, Brad (DEQ)
Sent: Thursday, September 03, 2015 12:09 PM
To: Ronald Fonger
Subject: RE: U.S. EPA Lead Expert

Busch is out. I'm working to get either his subordinate, Mike Prysby, who worked with the city directly on the ask for optimization, or his supervisor, Richard Benzie. Or maybe both.

I get that the news yesterday was the announcement by the VT researcher, Ron. But I was disappointed to see how little of what I sent you made it in. I'm putting my folks up in the hope that it offers clarity to the situation.
Thanks,
b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 03, 2015 11:25 AM
To: Wurfel, Brad (DEQ)
Subject: RE: U.S. EPA Lead Expert

I just sent the mayor an email asking to talk to him about it.
The city PR guy is also supposed to be sending out a news release this morning that concerns the TTHM and lead.

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Thursday, September 03, 2015 11:22 AM
To: Ronald Fonger
Subject: RE: U.S. EPA Lead Expert

Is the city talking with you on this issue?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 03, 2015 11:13 AM
To: Wurfel, Brad (DEQ)
Subject: FW: U.S. EPA Lead Expert

Brad:
Can you help me with some information from the DEQ regarding this email, sent by the U.S. EPA enforcement team leader in Region 5?
It seems to say the U.S. EPA has offered the city the assistance of a lead expert and sent the information to the DEQ as well. I'm following up the a PR contact at the U.S. EPA on this and about the more general federal interest in the lead in water issue in Flint.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI

email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Arthur Woodson [mailto:arthurlw_2000@yahoo.com]
Sent: Thursday, September 03, 2015 9:52 AM
To: Ronald Fonger
Subject: Fw: U.S. EPA Lead Expert

From: Shoven, Heather <shoven.heather@epa.gov>;
To: arthurlw_2000@yahoo.com <arthurlw_2000@yahoo.com>;
Subject: U.S. EPA Lead Expert
Sent: Mon, Aug 31, 2015 5:55:41 PM

Dear Mr. Woodson:

Thank you for your call on Friday.

In follow-up to your inquiry on U.S. EPA lead experts, I had a conversation with Dr. Darren Lytle, who is the Acting Chief of the Treatment Technology Evaluation Branch in the Water Supply and Water Resources Division within EPA's Office of Research and Development. Scientists within Dr. Lytle's branch have expertise in drinking water treatment including corrosion control to address lead contamination. We passed along Dr. Lytle's information to both MDEQ and Flint's Mayor, Dayne Walling, for consideration to work with Flint's Technical Advisory Committee.

You mentioned that you wanted to provide the Flint City Council with this information since Mayor Walling has not shared EPA's assistance offer with the Council. I have left a voicemail message with Councilwoman Monica Galloway regarding your inquiry since it is critical that the Council work with the City and the State to discuss next steps for the Flint Water system.

Please let me know if you have any follow-up questions.

Best wishes,

Heather

Heather A. Shoven | Enforcement Team Leader | U.S. Environmental Protection Agency, Region 5

Ground Water and Drinking Water Branch | 77 W. Jackson Blvd (WG-15J) | Chicago, IL 60604 | 312-886-0153

From: Wurfel, Brad (DEQ)
Sent: Thursday, September 03, 2015 12:28:15 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: lead in flint water

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 02, 2015 3:28 PM
To: 'Ronald Fonger'
Subject: RE: lead in flint water

Here's a response from the DEQ. Attribute to me. Call me if you have further questions. Thanks, Ron.

b

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

517-284-6713

PPI cell

We are aware that Virginia Tech researchers are now testing water at various Flint homes for lead levels. We appreciate that Virginia Tech's team is working on this issue because it brings the public spotlight on an important fact: if you have lead water pipes or plumbing fixtures containing lead in your home, or a lead service connection to the city system, it is very likely you are ingesting some level of lead. That's just a fact. It's true whether you live in Detroit, Dowagiac or Decatur.

And in the City of Flint, that fact affects 15,000 or more residences.

However, we want to be very clear that the lead levels being detected in Flint drinking water are not coming from the treatment plant or the city's transmission lines. Treated water leaving the plant has no detectable levels of lead in it. The issue is how, whether, and to what extent the drinking water is interacting with lead plumbing in people's homes.

It does not appear the Virginia Tech research lab is certified, and we can't speak to the sampling methods being employed to achieve these results. The results reported so far fail to track with any of the lead sampling conducted by the city. In addition, the Virginia Tech results are not reflected by the blood lead level testing regularly conducted by the state department of community health that have not shown any change since Flint switched sources.

The state's compliance monitoring program requires the city to use certified laboratories and a standardized, federal testing protocol that looks specifically at the homes in communities most likely to experience lead problems. The latest results from Flint, obtained from two separate rounds of testing over the past year, indicated that Flint drinking water, meets state and federal safe drinking water standards for lead.

That said, the state has requested Flint to 'optimize' its water treatment to further limit exposure to lead from plumbing in homes. While statute allows several years for a drinking water system to actually undertake this process – Detroit took five years to complete its water optimization work – we are encouraging Flint water system operators to take these steps immediately and we are encouraged by the conversation so far.

Any resident who has concerns about lead in their drinking water should have their water tested at a certified laboratory and get professional consultation on how to address it. The leading cause of lead poisoning is known to be lead paint and, in some areas, environmental legacy hot spots where lead is present in soils. However, I will say it again: when homes are fitted with lead plumbing or plumbing fixtures containing lead, homeowners should assume there is some varied level of interaction between water and pipes that results in lead exposure.

b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, September 02, 2015 11:40 AM
To: Wurfel, Brad (DEQ)
Subject: RE: lead in flint water

Brad:

If needed, here is the link to what's been posted today.

I spoke with Dr. Marc Edwards, who is overseeing the research.

http://flintwaterstudy.org/

Ron Fonger

MLive Media Group

Reporter

mobile **PPI**

email {HYPERLINK "mailto:rfonger1@mlive.com"}

address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Wednesday, September 02, 2015 11:37 AM
To: Ronald Fonger
Subject: RE: lead in flint water

Ron, thank you for reaching out. We definitely want to clarify some important points here. Give me a few to read this and pull together some stuff for you.

Again, THANKS!!!

b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, September 02, 2015 11:34 AM
To: Wurfel, Brad (DEQ)
Cc: Kristin Longley; Bryn Mickle
Subject: lead in flint water

Brad:

I left a message with Mike Prysby on Tuesday, Sept. 1, but wanted to reach out to you also because of stories we are working on about the extent to which lead is becoming an issue in Flint drinking water.
Today, Sept. 2, researchers at Virginia Tech posted the results on an experiment with Flint water online. The report concludes that Flint River water leaches much more lead from plumbing than does Detroit.

"On average, Detroit water is 12 times (or 12X) less corrosive than the Flint River water currently in use … This is creating a public health threat in some Flint homes that have lead pipe or lead solder," the report says.

An earlier post by the same researchers says that initial water tests show "a serious lead in water problem" in Flint, partly because Flint River water is so corrosive to pipes.

Given the state's role in oversight of the city's drinking water system through DEQ and its overall oversight by state emergency managers during the past several years, I wanted to make sure I'm reaching out to the right person to respond to this information.

Could you let me know who that is?

I expect to post the first story about the experiment today and expect the issue will be getting more attention as the VT study of 300 water test kits from Flint is completed.

Thanks,

Ron Fonger

MLive Media Group

Reporter

mobile **PPI**

email {HYPERLINK "mailto:rfonger1@mlive.com"}

address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 1:28 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Cc: Muchmore, Dennis (GOV); Murray, David (GOV); Brown, Jessica (GOV); Wurfel, Sara (GOV)
Subject: FW: flint water

Heads up, Fonger's on a tight turnaround for this. I've not yet seen it -- state server blocks access.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 11:39 AM
To: Wurfel, Brad (DEQ)
Subject: flint water

Brad:
This was posted by the Virginia Tech researchers this morning.
Since a part of it speaks directly to MDEQ's involvement in the Flint water situation, I wanted to see if we can get a comment from you for an initial story that I hope to post in about two hours.
Thanks,
http://flintwaterstudy.org/2015/09/our-sampling-of-252-low-risk-homes-demonstrates-a-high-lead-in-water-risk-flint-should-be-failing-to-meet-the-epa-lead-and-copper-rule/

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 2:24 PM
To: Murray, David (GOV); Brown, Jessica (GOV); Wurfel, Sara (GOV)
Cc: Muchmore, Dennis (GOV)
Subject: FW: flint water

Mr. Edwards with Virginia Tech posted some pretty irresponsible stuff on his site today. The Flint Journal asked for our perspective.

We were holding off last week. That has officially ended.

Let me know if you have questions or concerns. Thanks!
b.

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 2:20 PM
To: 'Ronald Fonger'
Cc: Busch, Stephen (DEQ)
Subject: RE: flint water

Ron,

As we discussed last week, the state DEQ is just as perplexed by Edwards' results as he seems to be by the city's test results, which are done according to state and federal sampling guidelines and analyzed in certified labs.

When I said we were unsure how the Virginia Tech team got its results, that's not the same as being surprised that they got them. There are a conservatively estimated 15,000 old homes with lead plumbing in Flint alone, and this group specializes in looking for high lead problems. They pull that rabbit out of that hat everywhere they go. Nobody should be surprised when the rabbit comes out of the hat, even if they can't figure out how it is done.

It's scientifically probable a research team that specializes in looking for lead in water could have found it in Flint when the city was on its old water supply. We won't know that, because they've only just arrived in town and quickly proven the theory they set out to prove, and while the state appreciates academic participation in this discussion, offering broad, dire public health advice based on some quick testing could be seen as fanning political flames irresponsibly. Residents of Flint concerned about the health of their community don't need more of that.

As I mentioned last week, the issue here isn't Flint's water source or water plants. It's the high number of older homes with lead pipes and lead service connections. Anyone with lead plumbing in their homes should recognize there's some communication of lead from that.

The state and the EPA are working together in Flint – have been from the start, and we are in regular communication with federal counterparts to discuss Flint water. The state's program has been in place, protecting community water supplies for more than 40 years around the state. The reason this conversation began is because we have lead and copper rules; the city met the state and federal standard, and has agreed to further optimize its system to even further reduce lead levels, but let's be clear: lead pipes means some lead in water, at some level. Folks who have concerns should get a

water specialist to take a look at their home and see what they need to do to achieve peace of mind, because lead and copper are home plumbing problems that no water source can eliminate entirely.

b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 11:39 AM
To: Wurfel, Brad (DEQ)
Subject: flint water

Brad:
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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Tuesday, September 08, 2015 2:46 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: DRAFT agenda for comms update
Attachments: Agenda Communications Update.docx

Importance: High

Just a couple of minor tweaks, one issue add – Flint water as continues to be ongoing issue, and couple of event adds just to prep/see if anything in particular he's needing or wanting.

Not Responsive

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 08, 2015 2:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: DRAFT agenda for comms update

ok with me

On Sep 8, 2015, at 1:44 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Agenda for comms update – am I missing anything?
>
> **Dave Murray**
> Deputy Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> <Agenda Communications Update.docx>

Communications Update Meeting
Sept. 8, 2015

- Not Responsive
- Flint water
- Not Responsive

Upcoming events

- Not Responsive

Interview requests

- Not Responsive

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 08, 2015 2:49 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: Re: DRAFT agenda for comms update

Not Responsive

We've talked about all these things already today, I will update you. No need to rehash them for Gov.

On Sep 8, 2015, at 2:45 PM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

> Just a couple of minor tweaks, one issue add – Flint water as continues to be ongoing issue, and couple of event adds just to prep/see if anything in particular he's needing or wanting.

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To: Murray, David (GOV) <MurrayD1@michigan.gov>
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> Deputy Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI, mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> <Agenda Communications Update.docx>

<Agenda Communications Update.docx>

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 08, 2015 3:00 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Brown, Jessica (GOV); Wurfel, Sara (GOV)
Subject: RE: flint water

Respond in kind…

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 8, 2015 2:24 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: FW: flint water

Mr. Edwards with Virginia Tech posted some pretty irresponsible stuff on his site today. The Flint Journal asked for our perspective.

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From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 2:20 PM
To: 'Ronald Fonger'
Cc: Busch, Stephen (DEQ)
Subject: RE: flint water

Ron,

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b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 11:39 AM
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Ron Fonger
MLive Media Group
Reporter

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email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Thursday, September 10, 2015 3:13 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Reporter seeking a response to Virgnia Tech's Flint Water Study findings

Importance: High

Need a phone call to discuss this with either of you.

Thanks.

b

From: Curt Guyette [mailto:cguyette@aclumich.org]
Sent: Thursday, September 10, 2015 2:41 PM
To: Wurfel, Brad (DEQ)
Subject: Reporter seeking a response to Virgnia Tech's Flint Water Study findings
Importance: High

Dear Mr. Wurfel,

After testing more than 250 homes in Flint, researchers at Virginia Tech have continued to find dangerously high levels of lead in many of the homes being sampled.

They are unequivocal in their findings, stating that: "Flint has a very serious lead in water problem."

These results run contrary to the city and MDEQ's assertions that the city of Flint is in compliance with U.S. EPA Lead and Copper Rule compliance standards. In fact, based on Virginia Tech's results – which are much more extensive, having tested nearly four times as many homes as the city tested during the first half of 2015, and the VT researchers have not specifically target high-risk homes, as the city is required to do for the LCR monitoring – the city is actually well out of compliance.

I was hoping you would be able to provide the MDEQ's position regarding VT researchers' purported findings, and the contradictory conclusions..

Virginia Tech's methodology and results have been posted on a web site dedicated to the project (flintwaterstudy.org/), so it is clear from their end how they have approached this project, and exactly what they've done, and what they've found.

It would be very helpful to have the MDEQ's views on all this for my upcoming story.

I am working on a deadline and would very much appreciate a response by the end of the day tomorrow, Sept. 11.

I appreciate any help you can provide in my reporting on this very important public health issue.

Sincerely,

Curt

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, September 15, 2015 8:33 AM
To: Murray, David (GOV)
Subject: walling request for $30 million
Attachments: 4304_001.pdf

Hey Dave:
Mayor Walling has penned another letter to the governor, requesting $30 million for Flint's infrastructure.
I've attached the letter and a link to a story I posted last night.
I'd like to follow up with any comment your office can provide.
http://www.mlive.com/news/flint/index.ssf/2015/09/flint_mayor_asks_governor_for_1.html#incart_river

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

CITY OF FLINT

Dayne Walling
Mayor

September 14, 2015

The Honorable Rick Snyder
Governor, State of Michigan
P.O. Box 30013
Lansing, MI 48909

RE: Call for Additional Support for Flint Water Improvement Plan

Dear Governor Snyder:

On behalf of the Flint community, I am writing with a renewed request for additional support to address Flint's water challenges to ensure that water is affordable and secure for everyone in Flint especially our vulnerable populations. I am asking for an additional $30 million in funds for Flint's infrastructure and a new healthy homes initiative.

Significant progress has been made throughout this year to increase water safety and quality and I thank you for the involvement of your office, the Michigan Department of Environmental Quality, and the Michigan Department of Treasury. A majority of items in the Water Improvement Plan are completed or underway. Most importantly, Flint is now in compliance with the Safe Drinking Water Act due in large part to the installation of the new carbon filter. The infrastructure systems are being made more secure and efficient through the State grants. Now the City is committed to following the recommendation of the Michigan Department of Environmental Quality to optimize the treatment process, reduce corrosion and further minimize risks from lead.

The need to accelerate the City's capital improvement investments remains and has been further increased by the continued financial stress and legal issues. Previously I requested support for replacement or forgiveness of payment to the Drinking Water Revolving Loan Fund due to Flint's status as a distressed community and the gap in funding in the adopted capital improvement plan. I understand that the existing federal law does not allow the existing Drinking Water Revolving Loans that Flint is carrying to be forgiven in retrospect but the need still exists. Flint owes approximately $20 Million. One solution is for the State to grant a new $20 Million that is designed as forgivable from the start. Another solution is to provide

equivalent funding through an expansion of the grant program to Michigan's Financially Distressed Cities, Villages and Townships with a supplemental budget amendment in cooperation with the State Legislature.

The community's heightened concern about lead leeching into the water from old service lines and home plumbing also needs to be addressed. We know that lead is an environmental contaminant and there have been many programs in place over the years to address sources in paint and pipes. Flint needs a new healthy homes initiative specifically focused on lead in water with $10 Million to start the process of replacing service lines for the most vulnerable households. Regardless of the source and treatment of Flint's water, this long term threat of lead in pipes needs to be removed in the interest of public health.

My approach continues to be to work with you and your appointed officials, State Senator Ananich, State Representatives Phelps and Neeley, Congressman Kildee, community groups, businesses, churches, foundations, the Flint City Council, and all of the City of Flint and State and Federal government personnel. We need every available expert and resource to address Flint's water problems.

Flint's safety is my top priority. Just as the City and State have worked together on public safety, we need additional support for fixing the water problems. We need $30 Million in new funds to repair and update the city-wide infrastructure and to assist households in becoming lead-free. The entire Flint community deserves sustainable, safe, secure and affordable water now and into the future. Thank you for the consideration Governor and I look forward to future discussions.

Sincerely,

Dayne Walling
Mayor, City of Flint

CC: Flint City Council President Joshua Freeman; Congressman Dan Kildee; State Senator Jim Ananich; State Representative Sheldon Neeley; State Representative Phil Phelps; EPA Regional Administrator Dr. Susan Hedman; Chief of Staff Dennis Muchmore

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 16, 2015 4:27 PM
To: Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Brown, Eric (GOV)
Cc: Brown, Jessica (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Kildee Response re Flint Water
Attachments: Kildee Response re Flint Water.docx

Here is DEQ's formal response to the congressional inquiry on Flint water. FYI. Going out COB today. Call me if you have questions or issues.
b

From: Feuerstein, Heather (DEQ)
Sent: Wednesday, September 16, 2015 4:23 PM
To: Wurfel, Brad (DEQ)
Subject: Kildee Response re Flint Water

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 16, 2015

VIA E-MAIL

The Honorable Daniel Kildee
United States House of Representatives
Washington, DC 20515

Dear Congressman Kildee:

Thank you for your September 9, 2015, letter regarding your concerns for the drinking water in the city of Flint (Flint). The Michigan Department of Environmental Quality (MDEQ) is working closely with Flint's water department as well as the U.S. Environmental Protection Agency (USEPA) to ensure Flint residents have ample water that meets state and federal drinking water standards.

The MDEQ's role is to administer its nearly 40-year-old state drinking water protection program based on federal guidelines. The MDEQ works with approximately 11,500 public water systems in the state to monitor for more than 90 primary drinking water contaminants and ensure that every supply consistently provides safe drinking water.

In Flint, the city made a decision 18 months ago to switch drinking water sources. This change required them to take specific measures under the federal Lead and Copper Rule, which was enacted in 1991 to monitor water as it interacts with lead service connections and home plumbing. Flint's test results were conducted according to the same testing protocols every Michigan community uses and the same protocols Flint has used to test its water every three years for the past 25 years.

While the results from Flint's testing show compliance with the federal action level for lead and copper, on August 17, 2015, the MDEQ instructed the city to move forward expeditiously with developing additional corrosion control treatment to minimize the corrosive effects between drinking water and lead service connections and home plumbing in the Flint service area.

We appreciate and share your concern for the situation, and the MDEQ looks forward to providing you a detailed briefing next week. If you have any additional questions in the meantime, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6704 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director

517-284-6700

cc: Senator Jim Ananich
Representative Sheldon Neeley
Representative Phil Phelps
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Wurfel, Sara (GOV)
Sent: Friday, September 18, 2015 10:41 AM
To: Murray, David (GOV)
Subject: FW: Ananich Flint Water Response
Attachments: Flint Water Response.pdf

Making sure you have this too …

From: Pallone, Maggie (DEQ)
Sent: Thursday, September 17, 2015 3:55 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; Ackerman, Darin (GOV) <ackermand3@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: Ananich Flint Water Response

Here is DEQ's formal response to the Michigan legislators inquiry on Flint water. FYI only, this is going out momentarily. We are also briefing them in person on Monday morning.
Give me a call if you have any questions.
Thanks,
Maggie

From: Feuerstein, Heather (DEQ)
Sent: Thursday, September 17, 2015 3:48 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: Flint Water Response

Here is the letter to Senator Ananich and Reps Neeley and Phelps.

Heather Feuerstein
Management Assistant to
Maggie Pallone, Deputy Director and
Brad Wurfel, Communications Director
Department of Environmental Quality
517.284.6715

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 17, 2015

VIA E-MAIL

The Honorable Jim Ananich
State Senator
State Capitol
P.O. Box 30036
Lansing, Michigan 48909-7536

The Honorable Sheldon Neeley
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

The Honorable Phil Phelps
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

Dear Senator Ananich and Representatives Neeley and Phelps:

Thank you for your letter of September 10, 2015, regarding water quality in the city of Flint (City). Your interest in this matter is appreciated. The Michigan Department of Environmental Quality (MDEQ) takes seriously its responsibility to ensure safe drinking water for all Michigan residents. The MDEQ maintains a robust public water supply regulatory program through long-standing partnerships with the United States Environmental Protection Agency (USEPA) and the state's regulated public water systems.

With respect to the draft memo referenced in your letter, the MDEQ does not review or receive draft memos from the USEPA, nor would we expect to while it is a draft.

Regulations associated with lead, copper, and corrosion control require communities to monitor water quality at customer taps. The monitoring protocols for sampling home water attempt to represent actual home water use, and they allow the MDEQ to get consistent results for year-over-year comparisons.

It is important to recognize that any home with lead plumbing or service connections will impart some amount of lead to water samples. While the compliance monitoring for lead in the City has not exceeded the federally-established Action Level, either before or after the City switched sources and treatment methods, there has always been

detectable lead in the City's water sampling program for homes that have lead plumbing or service connections. The City's monitoring program's purpose is to show aggregated levels throughout the entire system, not individual home levels.

The law requires the City to provide individual lead results to customers whose homes are sampled for compliance with the Action Level. Each customer with an individual sample result that exceeds 15 parts per billion is provided information on actions they can take to limit lead exposure in their drinking water. System-wide results from the most recent lead compliance monitoring are included each year in the City's annual Consumer Confidence Report, which is provided to customers and available online.

It is important to note that the City performed extensive home water tests for lead and copper last year and this year, and is meeting state and federal drinking water standards. Local health departments also administer annual blood level testing on children in Flint; results show no discernable rise in levels that might be expected if there was an elevated lead level in the City water supply. The City currently has no unresolved violations of state and federal drinking water standards.

The MDEQ continues to work with the City and federal regulators on the shared goal of ensuring safe, reliable drinking water in this community.

I look forward to discussing this issue in greater detail at the meeting next week. If you should have additional questions before then, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6715 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director
517-284-6700

cc: U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Richard Benzie, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:33 PM
To: Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV)
Cc: Wurfel, Sara (GOV); Tommasulo, Karen (DEQ); Murray, David (GOV); Brown, Jessica (GOV); Brown, Eric (GOV)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Statement. And invitation from Flint Journal for comment…

b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM
To: Wurfel, Brad (DEQ)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Brad: Do you want to comment?

I just got this and have to file something by 5-530.

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Rivard, Mitchell [mailto:Mitchell.Rivard@mail.house.gov]
Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
Subject: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FOR IMMEDIATE RELEASE

Monday, September 21, 2015

Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FLINT – Congressman Dan Kildee (MI-05) today, as part of his continued efforts to get answers regarding recent lead levels recorded in the city of Flint's water system, met with the Michigan Department of Environmental Quality (DEQ) and the Environmental Protection Agency (EPA) in Lansing.

The meeting followed a letter sent last week by Congressman Kildee posing various questions about recent lead levels in the water. In response to Congressman Kildee's letter, the DEQ and EPA invited Congressman Kildee and other local, state and federal elected officials to attend today's briefing in Lansing.

After the meeting today, Congressman Kildee issued the following statement:

"After meeting with the EPA and DEQ, it is clear to me that immediate independent and scientific testing is necessary to determine the safety of Flint's water. So far, the city, DEQ and EPA have not adequately answered my questions on their testing methods to ensure the safety of Flint's water.

"So far, I have been given no reason to have confidence in the current testing results. For example, it is unclear if homes sampled also took part in previous tests, which could have shown trends in water quality.

"I call on the Michigan Department of Environmental Quality and the Environmental Protection Agency, in coordination with the city of Flint, to work together to conduct additional independent and scientific testing of Flint's water. Additional testing must be expanded from its current scope to include more homes. It must also factor in the most at-risk homes in Flint.

"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:52 PM
To: Brown, Eric (GOV); Muchmore, Dennis (GOV)
Cc: Murray, David (GOV)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Heads up. Flint journal asked for comment on Kildee statement.

b

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:48 PM
To: 'Ronald Fonger'
Subject: RE: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

"The state much appreciated the opportunity to explain its role in regulating drinking water systems – in particular, the fact that the water supply presently meets all state and federal water quality standards but that homes with lead service connections and lead plumbing are and always have been imparting some part-per-billion of lead, which is a concern.

"We were pleased to conclude the meeting with the shared commitment to bring a local, state and federal partnership to address this issue through the City's technical advisory team. Given issues like the proposed federal grant forgiveness or the call for system-wide replacement of home lead connections to address the long-term issue, the leadership of our congressional delegation will be of critical importance."

b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI ell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM

To: Wurfel, Brad (DEQ)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Brad: Do you want to comment?

I just got this and have to file something by 5-530.

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Rivard, Mitchell [mailto:Mitchell.Rivard@mail.house.gov]
Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
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Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

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"I call on the Michigan Department of Environmental Quality and the Environmental Protection Agency, in coordination with the city of Flint, to work together to conduct additional independent and scientific testing of Flint's water. Additional testing must be expanded from its current scope to include more homes. It must also factor in the most at-risk homes in Flint.

"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:54 PM
To: Murray, David (GOV)
Subject: RE: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Let's see if Eric concurs…

From: Murray, David (GOV)
Sent: Monday, September 21, 2015 4:53 PM
To: Wurfel, Brad (DEQ)
Subject: Re: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Well done!

Sent from my iPhone

On Sep 21, 2015, at 4:51 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Heads up. Flint journal asked for comment on Kildee statement.
>
> b
>
> ---
>
> **From:** Wurfel, Brad (DEQ)
> **Sent:** Monday, September 21, 2015 4:48 PM
> **To:** 'Ronald Fonger'
> **Subject:** RE: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water
>
> "The state much appreciated the opportunity to explain its role in regulating drinking water systems – in particular, the fact that the water supply presently meets all state and federal water quality standards but that homes with lead service connections and lead plumbing are and always have been imparting some part-per-billion of lead, which is a concern.
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wide replacement of home lead connections to address the long-term issue, the leadership of our congressional delegation will be of critical importance."

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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM
To: Wurfel, Brad (DEQ)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Rivard, Mitchell [mailto:Mitchell.Rivard@mail.house.gov]
Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
Subject: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FOR IMMEDIATE RELEASE
Monday, September 21, 2015

Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

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"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 22, 2015 3:16 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Wurfel, Sara (GOV); Wyant, Dan (DEQ)
Cc: Hollins, Harvey (GOV)
Subject: RE: DEQ Flint water docs

Should we ask one of our own Professors to comment on this article and the testing...

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 22, 2015 8:13 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Subject: Fwd: DEQ Flint water docs

Some necessary info RE Flint. One is a Q&A we developed. Other is from DHHS -- spreadsheet on blood lead levels in kids.
Call me with questions. Thanks.

b

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

517-284-6713

PPI cell

From: Wyant, Dan (DEQ)
Sent: Wednesday, September 23, 2015 7:33 AM
To: Muchmore, Dennis (GOV); Wurfel, Brad (DEQ); Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Hollins, Harvey (GOV)
Subject: RE: DEQ Flint water docs

The Mayor of Flint has a technical advisory. DEQ and EPA are sending our experts. The advisory has outside experts. The group will looks at the data and offer their recommendations and opinions.

Dan Wyant, Director
Department of Environmental Quality
517-284-6700 (New Number)

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 22, 2015 3:16 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Wurfel, Sara (GOV); Wyant, Dan (DEQ)
Cc: Hollins, Harvey (GOV)
Subject: RE: DEQ Flint water docs

Should we ask one of our own Professors to comment on this article and the testing...

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 22, 2015 8:13 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
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Call me with questions. Thanks.

b

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

517-284-6713

PPI cell

From: Wurfel, Sara (GOV)
Sent: Thursday, September 24, 2015 10:09 AM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Gov comms agenda

Importance: High

Missing anything or any other changes?

Communications Update Meeting
Sept. 24 2015

Not Responsive

- Flint water

Not Responsive

Upcoming events

Not Responsive

Not Responsive

Interview s/request

Not Responsive

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, September 24, 2015 11:33 AM
To: jlorenz@cityofflint.com; Murray, David (GOV)
Subject: hurley news conference
Attachments: MediaAlertSept242015.doc

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

HURLEY
MEDICAL CENTER

Contact: Rebecca Jensen
810-262-6143(office)
PPI (cell)
rjensen1@hurleymc.com
September 24, 2015

Media Alert

FOR IMMEDIATE RELEASE

WHO: **Genesee County Medical Community**, including Hurley Medical Center, Greater Flint Health Coalition, Mott Children's Health Center, Hamilton Community Health Network & Genesee County Medical Society

WHAT: Press conference to address medical community's concerns regarding lead levels in the city of Flint's water supply and appropriate precautionary measures.

WHEN: **3pm, Today, September 24th, 2015**

WHERE: Hurley Medical Center, Charles White Conference Center

Media Note: Please enter on the Sixth Avenue entrance and check in with front desk upon arrival to be escorted to the Charles White Conference Center.

From: Hollins, Harvey (GOV)
Sent: Thursday, September 24, 2015 11:36 AM
To: Wurfel, Sara (GOV)
Cc: Clayton, Stacie (GOV); Murray, David (GOV); Muchmore, Dennis (GOV)
Subject: Re: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times

Sarah--per our discussion yesterday, what is the status of announcing the DEQ action to address the water quality in Flint?

-HH

> On Sep 24, 2015, at 11:03 AM, Clayton, Stacie (GOV) <claytons3@michigan.gov> wrote:
>
>
> http://m.metrotimes.com/Blogs/archives/2015/09/23/new-aclu-video-gets-tough-with-flint-officials-over-lead-levels
>
>
> Stacie Clayton
> Sent from my iPhone

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, September 24, 2015 11:52 AM
To: Murray, David (GOV)
Subject: RE: hurley news conference

That's fine. Everything I have seen so far from the state has been pre-switch so I'm interested specifically in what the data is showing since the switch to the Flint River.
I'm also reaching out to you specifically to see if the governor would intervene to help Flint reconnect to the Detroit water system as the study that will be discussed at 3 p.m. recommends that.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 11:36 AM
To: Ronald Fonger
Subject: RE: hurley news conference

We'll be able to share five years of data regarding this issue. MDHHS is rounding it up as we speak. Do you have the contact info for Angela Minicuci and Jennifer Smith?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 24, 2015 11:33 AM
To: jlorenz@cityofflint.com; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: hurley news conference

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Reporter

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email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Hollins, Harvey (GOV)
Sent: Thursday, September 24, 2015 12:03 PM
To: Murray, David (GOV)
Cc: Wurfel, Sara (GOV); Clayton, Stacie (GOV); Muchmore, Dennis (GOV)
Subject: Re: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times

Senator Ananich has formed a new coalition to speak on the water issues in Flint. Hurley hospital will be a member of that coalition. This coalition may be competitive with the existing Clean Water Coalition where a lot of the grassroots types participate. Hurley will also work to get more residents water filters, and that may be apart of the announcement today.

> On Sep 24, 2015, at 11:37 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Harvey,
>
> We're hearing from MLive that Hurley Hospital has called a 3 p.m. press conference to discuss the lead levels in blood collected from children. I'm working to get the report from Hurley ASAP. Working with Geralyn on a response.
>
> Dave
>
> -----Original Message-----
> From: Hollins, Harvey (GOV)
> Sent: Thursday, September 24, 2015 11:36 AM
> To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
> Cc: Clayton, Stacie (GOV) <claytons3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>
> Subject: Re: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times
>
> Sarah--per our discussion yesterday, what is the status of announcing the DEQ action to address the water quality in Flint?
>
> -HH
>
>> On Sep 24, 2015, at 11:03 AM, Clayton, Stacie (GOV) <claytons3@michigan.gov> wrote:
>>
>>
>> http://m.metrotimes.com/Blogs/archives/2015/09/23/new-aclu-video-gets-tough-with-flint-officials-over-lead-levels
>>
>>
>> Stacie Clayton
>> Sent from my iPhone

From: Minicuci, Angela (DCH)
Sent: Thursday, September 24, 2015 2:21 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ)
Cc: Eisner, Jennifer (DCH)
Subject: Flint Talking Points
Attachments: Flint Lead TP 092415.docx

Hey Brad and Dave,

MDHHS talking points attached.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicuciа@michigan.gov
www.michigan.gov/mdhhs

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Blood Lead Levels in Flint Talking Points
September 24, 2015

- The results of the Hurley Children's Hospital are under review by the Michigan Department of Health and Human Services.
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- MDHHS is looking to see if we can replicate the results of the Hurley study to see how they achieved their results.

Differences in Analysis

- MDHHS data provides a much more robust picture of the entire blood lead levels for the Flint area, and specifically, accounts for data over the full course of the past five years.
- Looking at the past five years as a whole provides a much more accurate look at the seasonal trends of lead in the area.
- Seasonal exposure is higher in the summer for a variety of reasons including children playing outside in the soil, and when windows are open and lead paint is more likely to be in the air. This seasonal increase would be unrelated to the water system.
- Our data includes children from the entire city, including all medical facilities, rather than just Hurley, has a larger age group of children, and includes a much larger sample size.
- The MDHHS analysis looks specifically at the first elevated blood lead level for each child, which provides an accurate picture of when first exposure occurred.
- The Hurley data includes a smaller sample size, much more limited time period (January-September of 2013 and 2015 only), and a smaller age group of children.

WIC Children

- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Eisner, Jennifer (DCH)
Sent: Thursday, September 24, 2015 4:01 PM
To: Minicuci, Angela (DCH); Murray, David (GOV); Wurfel, Brad (DEQ)
Subject: RE: Flint Talking Points
Attachments: BLLs in Flint v2.pptx; Flint Lead TP 092415.docx

Dave – TPs updated to include your one suggestion, as well as a couple points from the attached graph which Geralyn may have already sent you.

Thanks!
Jennifer

From: Minicuci, Angela (DCH)
Sent: Thursday, September 24, 2015 2:21 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
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Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
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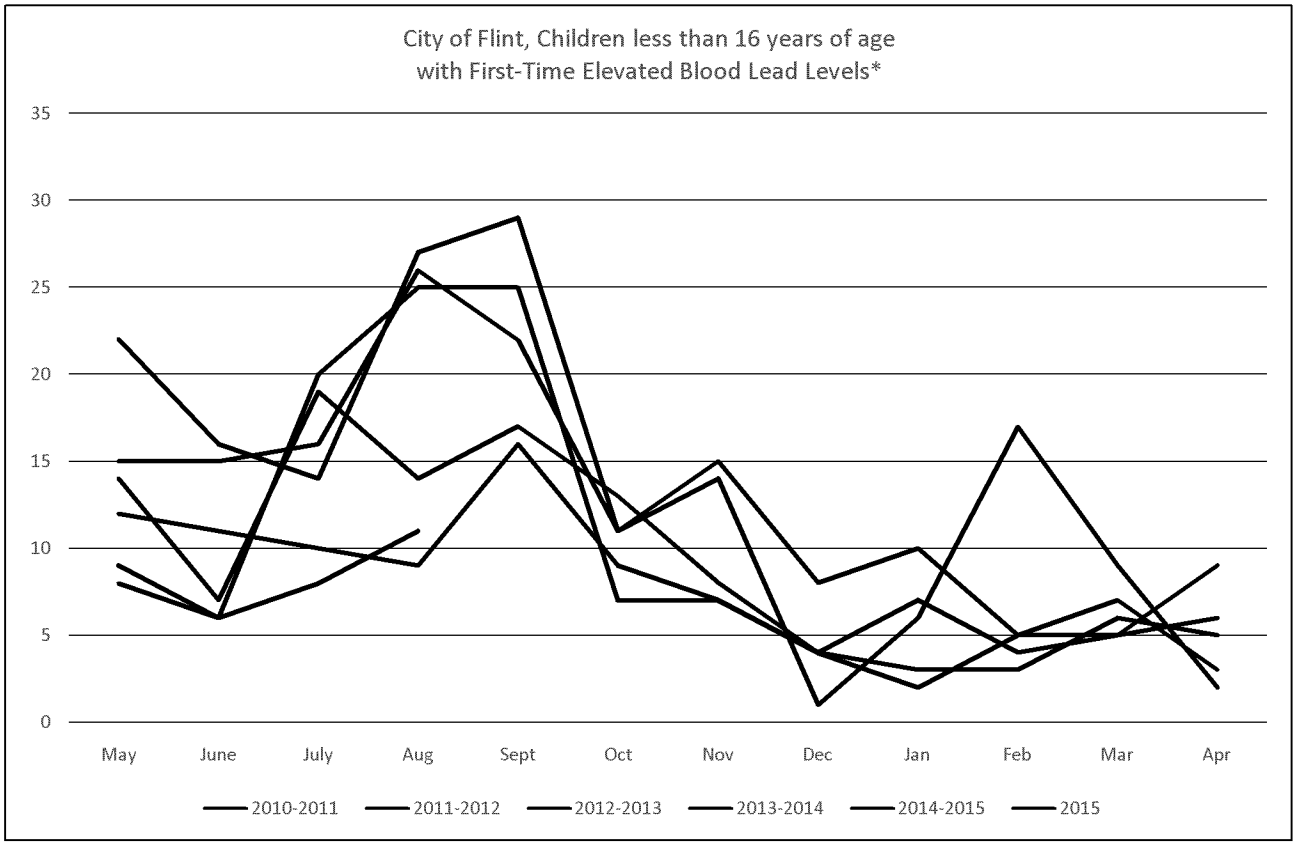
Blood Lead Testing of Children in Flint, Before and After the Change in Flint's Water

- The change in Flint's water source occurred in April 2014. MDHHS looked at children's blood lead levels (BLL) before and after this event.
- The dark blue line (May 2014 – April 2015) and the green line (May-August 2015) reflect children's blood lead tests after the change. All other lines reflect tests before the change.
- An increase in childhood lead poisoning in summer (July, August, September) is typical throughout Michigan every year.
- While there is a dramatic difference between the numbers of elevated BLL in the summer before and after the event, a wider look that includes data back to 2010 shows that the year BEFORE the event (the yellow line) was more of an anomaly than the year after (the dark blue line).
- If elevated BLL were being driven by the change in water, we would expect the dark blue line to stay high rather than follow the seasonal pattern.
- All data included in this analysis were reported by laboratories directly to MDHHS, in accordance with State law.



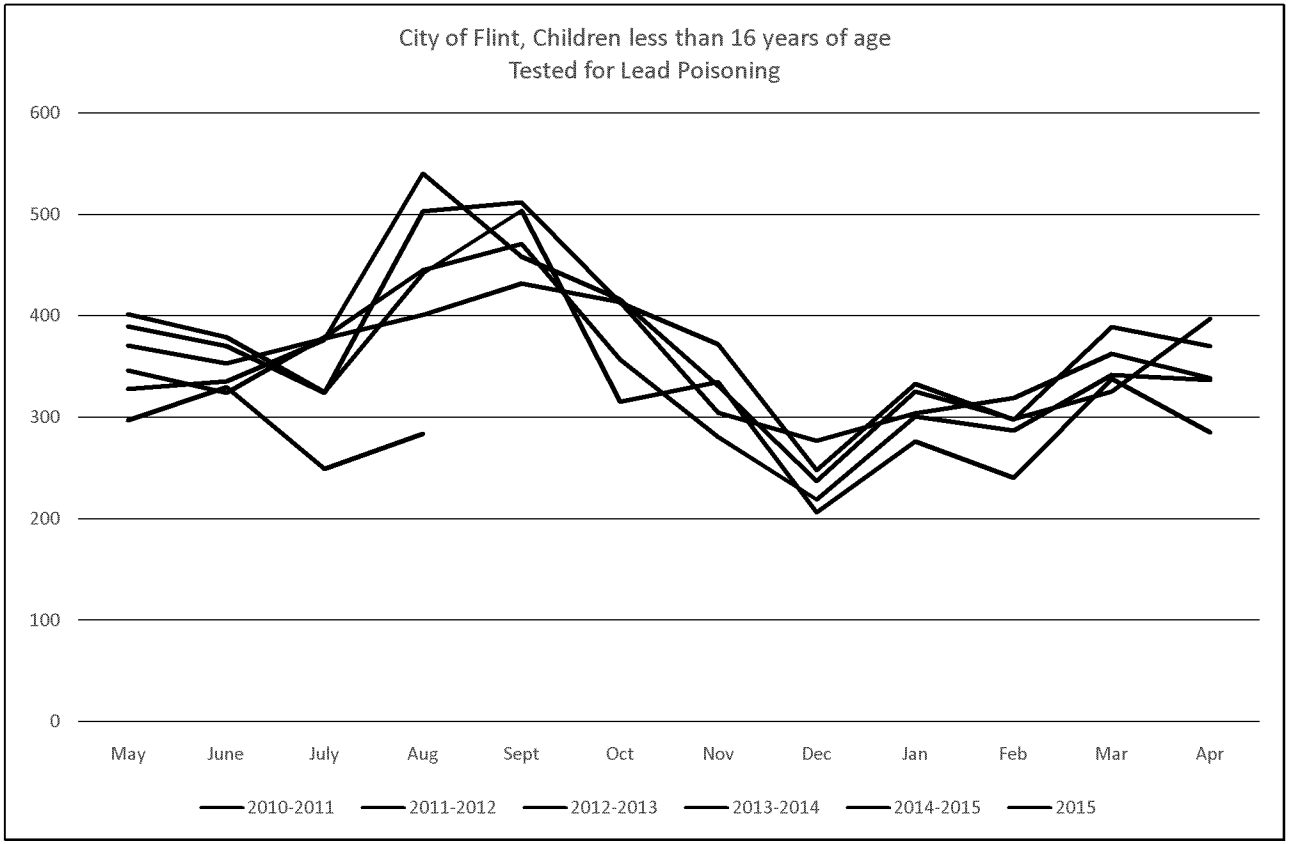
*This graph includes:
Children whose address is listed as "Flint"--may not conform exactly to Flint city limits
Children less than 16 years of age at time of test
Only first-time blood lead levels >= 5 ug/dL
All first-time elevated levels, regardless of sample type (venous, capillary or unknown)

September 24, 2015

Source: MDHHS Data Warehouse, Lead Specimen table

Blood Lead Testing of Children in Flint, Before and After the Change in Flint's Water

- Blood lead testing (regardless of elevated levels) also tends to rise during late summer (August, September, October).
- This graph shows that testing in Flint has remained fairly steady over the last five years, except for a recent decline(May – August 2015).



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The number of children tested within each month.

Some children are tested more than once, and may be included in more than one month or year.

September 24, 2015

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Blood Lead Levels in Flint Talking Points
September 24, 2015

- Promoting the health of our residents is a statewide priority – a priority that includes ensuring clean, safe drinking water for all residents and especially children.
- The results of the Hurley Children's Hospital are under review by the Michigan Department of Health and Human Services.
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- MDHHS is looking to see if we can replicate the results of the Hurley study to see how they achieved their results.

MDHHS Blood Lead Testing Results in Flint

- MDDHS data shows a comprehensive look at the data since 2010, years before the change in Flint's water source occurred in April 2014.
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- WIC cannot cover bottled water.

From: White, Ed <EJWhite@ap.org>
Sent: Thursday, September 24, 2015 4:01 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water

Flint doctors from Hurley, etc., today are holding a news conference to urge Flint to stop using Flint River water ASAP because of alarming lead levels in kids. This is based on blood tests taken since January.

As you know, water quality has been a big issue in Flint, although officials, including DEQ, say lead levels are within limits. Now, doctors are speaking up and saying it's a public health crisis.

What is the governor's reaction? Should Flint stop using the water?

Thanks.

Ed White
AP
313-259-0650

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[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, September 24, 2015 4:03 PM
To: Murray, David (GOV)
Subject: RE: hurley news conference

Dave:
Will the governor take any action to broker a reconnection to the Detroit water system given the report today?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 3:26 PM
To: Ronald Fonger
Subject: RE: hurley news conference

Hi Ron,

Angela Minicuci of MDHHS is ready to take your call, and she's at 517 373-0860. Brad Wurfel is ready as well. Both can respond to the various aspects of the Hurley report.

Dave

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 24, 2015 11:52 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: hurley news conference

That's fine. Everything I have seen so far from the state has been pre-switch so I'm interested specifically in what the data is showing since the switch to the Flint River.
I'm also reaching out to you specifically to see if the governor would intervene to help Flint reconnect to the Detroit water system as the study that will be discussed at 3 p.m. recommends that.
Thanks,

Ron Fonger
MLive Media Group
Reporter

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Subject: hurley news conference

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: White, Ed <EJWhite@ap.org>
Sent: Thursday, September 24, 2015 4:04 PM
To: Murray, David (GOV)
Subject: RE: Flint Water

That's fine. But what is the governor saying?

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 4:04 PM
To: White, Ed
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Dave

Sent from my iPad

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[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Eisner, Jennifer (DCH)
Sent: Thursday, September 24, 2015 4:06 PM
To: Minicuci, Angela (DCH); Murray, David (GOV); Wurfel, Brad (DEQ)
Subject: RE: Flint Talking Points
Attachments: FINAL Flint Lead TP 092415.docx; BLLs in Flint v2.pptx

Just kidding! Here's the final

From: Eisner, Jennifer (DCH)
Sent: Thursday, September 24, 2015 4:01 PM
To: Minicuci, Angela (DCH) <MinicuciA@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
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Dave – TPs updated to include your one suggestion, as well as a couple points from the attached graph which Geralyn may have already sent you.

Thanks!
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Office of External Relations and Communications
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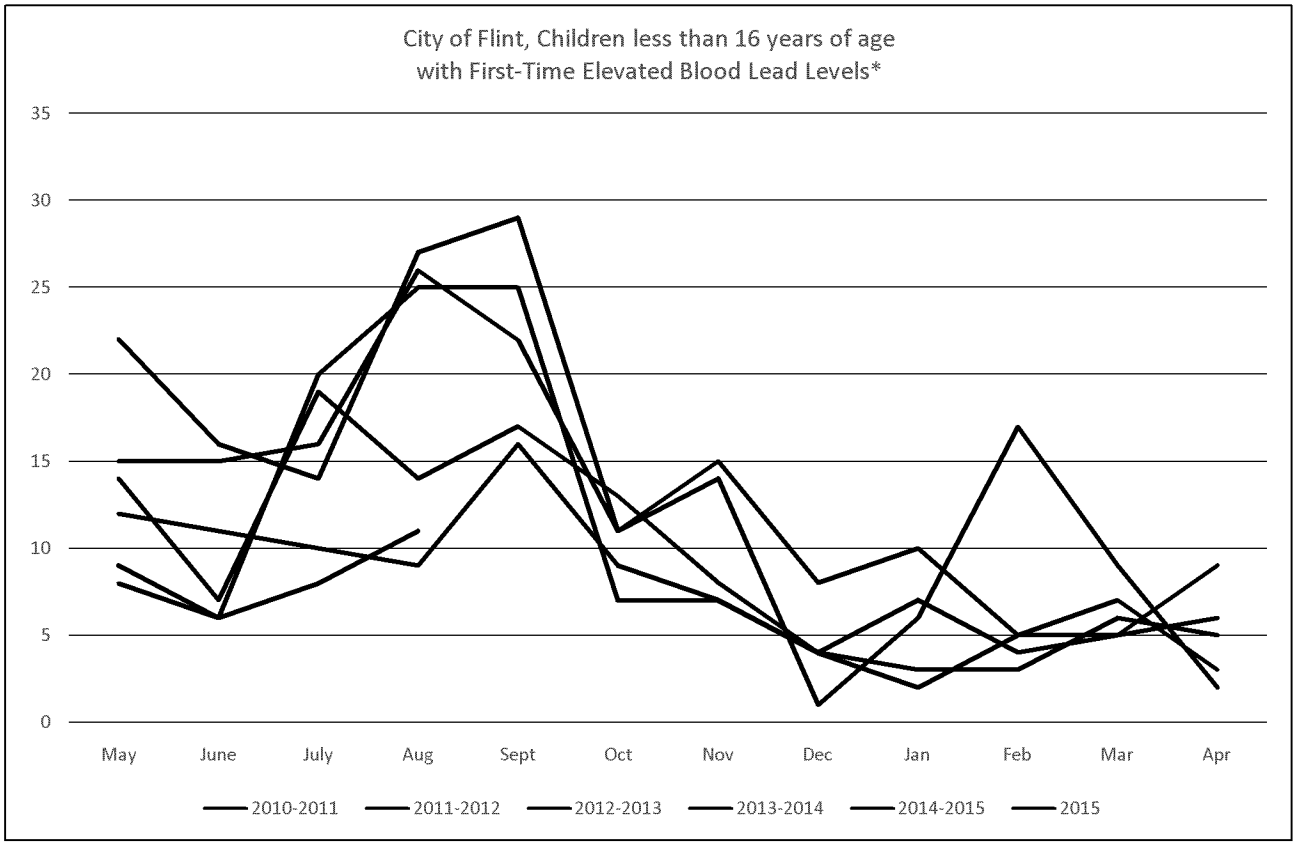

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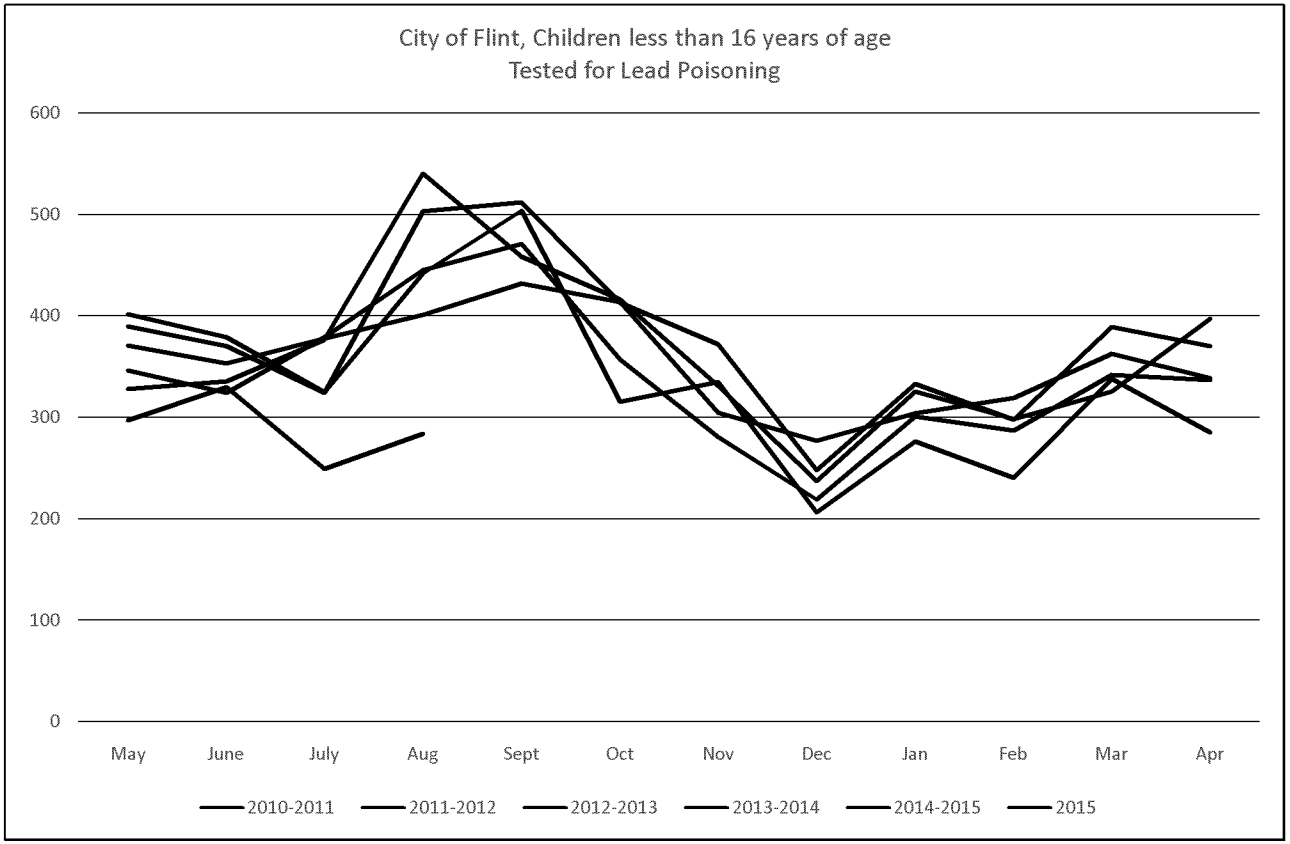

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September 24, 2015

Source: MDHHS Data Warehouse, Lead Specimen table

From: White, Ed [EJWhite@ap.org]
Sent: Thursday, September 24, 2015 4:13 PM
To: Murray, David (GOV)
Subject: RE: Flint Water

Thanks. Will stand by.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 4:13 PM
To: White, Ed
Subject: Re: Flint Water

They represent the governor, of course. But I can give you a statement in a couple minutes. On a call on this issue as we speak.

Sent from my iPad

> On Sep 24, 2015, at 4:04 PM, White, Ed <EJWhite@ap.org> wrote:
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> 313-259-0650
>
>
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> [IP_US_DISC]
>
>
> msk dccc60c6d2c3a6438f0cf467d9a4938

From: Wurfel, Sara (GOV)
Sent: Thursday, September 24, 2015 4:27 PM
To: Murray, David (GOV)
Subject: Fwd: PHONE MESSAGE: Nina Sika WNEM TV 5

Sent from my iPhone

Begin forwarded message:

> **From:** "LaHaie, Alyssa (GOV)" <LaHaieA@michigan.gov>
> **Date:** September 24, 2015 at 4:21:30 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Subject: PHONE MESSAGE: Nina Sika WNEM TV 5**
>
> Name: Nina Sika
> Outlet: WNEM TV 5
> Topic: Hoping to talk to you about the Hurley Medical Center press conference that just took place regarding Flint Water to see if the Governor had heard about it and had any reactions or thoughts.
> Phone: 989-758-2044
> Email: nina.sika@wnem.com
> Deadline: By 11pm this evening

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, September 24, 2015 4:31 PM
To: Murray, David (GOV)
Subject: RE: hurley news conference

I'll take that as a no comment unless I hear otherwise

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 4:05 PM
To: Ronald Fonger
Subject: Re: hurley news conference

Hi Ron,

DHHS and DEQ are ready for your questions.

Sent from my iPad

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mobile PPI
email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 11:36 AM
To: Ronald Fonger
Subject: RE: hurley news conference

We'll be able to share five years of data regarding this issue. MDHHS is rounding it up as we speak. Do you have the contact info for Angela Minicuci and Jennifer Smith?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 24, 2015 11:33 AM
To: jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>; Murray, David (GOV) <MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>>
Subject: hurley news conference

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Thursday, September 24, 2015 4:36 PM
To: Murray, David (GOV)
Subject: RE: hurley news conference

Ok thanks.
I'm not sure I need anything from DEQ on this issue but just spoke to Angela.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 4:33 PM
To: Ronald Fonger
Subject: RE: hurley news conference

You know we don't " no comment." I'm just getting off a conference call on this issue and will have a response. Meanwhile, the departments are standing by, also ready to answer your questions.

-----Original Message-----
From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 24, 2015 4:31 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: hurley news conference

I'll take that as a no comment unless I hear otherwise

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 4:05 PM
To: Ronald Fonger
Subject: Re: hurley news conference

Hi Ron,

DHHS and DEQ are ready for your questions.

Sent from my iPad

On Sep 24, 2015, at 4:03 PM, Ronald Fonger <RFONGER1@mlive.com<mailto:RFONGER1@mlive.com>> wrote:

Dave:
Will the governor take any action to broker a reconnection to the Detroit water system given the report today?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 3:26 PM
To: Ronald Fonger
Subject: RE: hurley news conference

Hi Ron,

Angela Minicuci of MDHHS is ready to take your call, and she's at 517 373-0860. Brad Wurfel is ready as well. Both can respond to the various aspects of the Hurley report.

Dave

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Thursday, September 24, 2015 11:52 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>>
Subject: RE: hurley news conference

That's fine. Everything I have seen so far from the state has been pre-switch so I'm interested specifically in what the data is showing since the switch to the Flint River.
I'm also reaching out to you specifically to see if the governor would intervene to help Flint reconnect to the Detroit water system as the study that will be discussed at 3 p.m. recommends that.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, September 24, 2015 11:36 AM
To: Ronald Fonger
Subject: RE: hurley news conference

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From: Ronald Fonger [mailto:RFONGER1@mlive.com]

Sent: Thursday, September 24, 2015 11:33 AM
To: jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>; Murray, David (GOV)
<MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>>
Subject: hurley news conference

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
address 540 S. Saginaw St. #101, Flint MI 48502

From: Minicuci, Angela (DCH)
Sent: Thursday, September 24, 2015 4:36 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ)
Cc: Eisner, Jennifer (DCH)
Subject: RE: Flint Talking Points

Just talked to Ron Fonger. Sent him our data, it was a good conversation and centered on the fact that our data is much more robust.

Angela

From: Minicuci, Angela (DCH)
Sent: Thursday, September 24, 2015 2:21 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <Wurfel8@michigan.gov>
Cc: Eisner, Jennifer (DCH) <EisnerJ@michigan.gov>
Subject: Flint Talking Points

Hey Brad and Dave,

MDHHS talking points attached.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicuciа@michigan.gov
www.michigan.gov/mdhhs

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From: Wurfel, Brad (DEQ)
Sent: Thursday, September 24, 2015 4:51 PM
To: Lasher, Geralyn (DCH)
Cc: Muchmore, Dennis (GOV); Baird, Richard (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Lyon, Nick (DCH); Clement, Elizabeth (GOV); Mcbride, Bill (GOV); Walsh, John (GOV); Hollins, Harvey (GOV); Wyant, Dan (DEQ); Hertel, Elizabeth (DCH); Wisniewski, Wendy (GOV); Grijalva, Nancy (DCH); Eisner, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Updated MDHHS talking points, data

Ed white, AP, coming your way G.

Sent from my iPhone

On Sep 24, 2015, at 4:15 PM, Lasher, Geralyn (DCH) <lasherg@michigan.gov> wrote:

> Attached you will find a copy of our talking points as well as tables that outline our data on blood lead testing in children in Flint before and after the change in Flint's water.
>
> While the chart is a bit cluttered with the different colored lines representing different years, in the bullet point narrative, you can see that our experts state that if the elevated blood lead levels were being driven by the change in water, we would expect the dark blue line to stay high rather than follow the seasonal pattern.
>
> Thank you,
> Geralyn
>
> <FINAL Flint Lead TP 092415.docx>
>
> <BLLs in Flint v2.pptx>
>
> <Flint Testing and EBLLs_updated 092315_with notes.pdf>

From: Emmitt, Beth (GOV)
Sent: Thursday, September 24, 2015 9:26 PM
To: Dickinson, Jordan
Cc: Rospond, Laurie (GOV); Mcbride, Bill (GOV); Murray, David (GOV)
Subject: Re: Request for Phone Call with Congressman Kildee
Attachments: image001.gif

Hi Jordan,
The Governor is going to be traveling most of the day tomorrow, but we work to see if we can find a good time cell-wise and get back with you in the morning.
Thanks,
Beth

On Sep 24, 2015, at 7:05 PM, Dickinson, Jordan <Jordan.Dickinson@mail.house.gov> wrote:

> Hi Beth and Laurie,
>
> My boss would like to set up a phone call with Governor Snyder regarding the lead in the water in Flint. He would like to do it tomorrow if possible due to the immediacy of the problem. Please let me know if we can get something scheduled for tomorrow.
>
> Thank you,
>
> **Jordan Dickinson**
> Legislative Assistant
> Congressman Dan Kildee (MI-05)
> 227 Cannon House Office Building
> Washington, D.C. 20515
> Phone: (202) 225-3611
> www.dankildee.house.gov
> <image002.gif> <image003.jpg> <image004.png>
>
> Sign up for Congressman Dan Kildee's e-newsletter

From: Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
Sent: Thursday, September 24, 2015 9:44 PM
To: Emmitt, Beth (GOV)
Cc: Rospond, Laurie (GOV); Mcbride, Bill (GOV); Murray, David (GOV)
Subject: Re: Request for Phone Call with Congressman Kildee

Thanks you very much for your prompt response Beth. I look forward to hearing from you in the morning.

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
202-225-3611

----- Original Message -----
From: Emmitt, Beth (GOV) [mailto:emmittb@michigan.gov]
Sent: Thursday, September 24, 2015 09:26 PM
To: Dickinson, Jordan
Cc: Rospond, Laurie (GOV) <rospondl@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Request for Phone Call with Congressman Kildee

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Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: (202) 225-3611
www.dankildee.house.gov<http://www.dankildee.house.gov/>

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<image004.png><http://www.flickr.com/photos/repdankildee>

Sign up for Congressman Dan Kildee's e-newsletter<http://dankildee.house.gov/newsletter-subscription/>

From: Mcbride, Bill (GOV)
Sent: Friday, September 25, 2015 5:08 AM
To: Emmitt, Beth (GOV)
Cc: Wisniewski, Wendy (GOV); Muchmore, Dennis (GOV)
Subject: Fwd: Request for Phone Call with Congressman Kildee

I didn't realize I responded to Kildees staff also in last message. My point is that Dennis needs to brief Governor

Sent from my iPhone

Begin forwarded message:

> **From:** "Dickinson, Jordan" <Jordan.Dickinson@mail.house.gov>
> **Date:** September 24, 2015 at 9:43:51 PM EDT
> **To:** "'emmittb@michigan.gov'" <emmittb@michigan.gov>
> **Cc:** "'rospondl@michigan.gov'" <rospondl@michigan.gov>, "'mcbrideb@michigan.gov'" <mcbrideb@michigan.gov>, "'MurrayD1@michigan.gov'" <MurrayD1@michigan.gov>
> **Subject: Re: Request for Phone Call with Congressman Kildee**
>
> Thanks you very much for your prompt response Beth. I look forward to hearing from you in the morning.
>
> Jordan Dickinson
> Legislative Assistant
> Congressman Dan Kildee (MI-05)
> 202-225-3611
>
> ----- Original Message -----
> From: Emmitt, Beth (GOV) [mailto:emmittb@michigan.gov]
> Sent: Thursday, September 24, 2015 09:26 PM
> To: Dickinson, Jordan
> Cc: Rospond, Laurie (GOV) <rospondl@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Re: Request for Phone Call with Congressman Kildee
>
> Hi Jordan,
> The Governor is going to be traveling most of the day tomorrow, but we work to see if we can find a good time cell-wise and get back with you in the morning.
> Thanks,
> Beth
>
> On Sep 24, 2015, at 7:05 PM, Dickinson, Jordan <Jordan.Dickinson@mail.house.gov<mailto:Jordan.Dickinson@mail.house.gov>> wrote:
>
> Hi Beth and Laurie,

My boss would like to set up a phone call with Governor Snyder regarding the lead in the water in Flint. He would like to do it tomorrow if possible due to the immediacy of the problem. Please let me know if we can get something scheduled for tomorrow.

Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
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Phone: (202) 225-3611
www.dankildee.house.gov<http://www.dankildee.house.gov/>
[http://demcom/sites/default/files/Facebook_logo_32.gif]<http://www.facebook.com/repdankildee><image002.gif><http://www.twitter.com/repdankildee>
<image003.jpg><http://www.youtube.com/repdankildee>
<image004.png><http://www.flickr.com/photos/repdankildee>

Sign up for Congressman Dan Kildee's e-newsletter<http://dankildee.house.gov/newsletter-subscription/>

From: Wurfel, Sara (GOV)
Sent: Friday, September 25, 2015 8:54 AM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Minicuci, Angela (DCH); Stanton, Terry A. (Treasury)
Subject: Fwd: PRESS BRIEFING: Health Information for Residents on Water

FYI

Dave - please followup and see if we can get more on content, unless someone knows already.

Sent from my iPhone

Begin forwarded message:

> **From:** Jason Lorenz <jlorenz@cityofflint.com>
> **Date:** September 25, 2015 at 8:15:46 AM EDT
> **To:** Jason Lorenz <jlorenz@cityofflint.com>
> **Subject: Re: PRESS BRIEFING: Health Information for Residents on Water**
>
> **UPDATE: Flint Mayor Dayne Walling will also be in attendance for today's briefing.**
>
> -Jason Lorenz
> Public Information Officer
> City of Flint
> (810) 237-2039 (Office)
> PPI (Cell)
> jlorenz@cityofflint.com
>
> On Thu, Sep 24, 2015 at 5:18 PM, Jason Lorenz <jlorenz@cityofflint.com> wrote:
> **PRESS BRIEFING: Health Information for Residents on Water will be shared with the press.**
>
> **WHEN: Friday, September 25, 2015 at 10:00am**
>
> **WHERE: Mayor's Office Conference Room**
>
> **Details: City Administrator Natasha L. Henderson and Department of Public Works Director Howard Croft will be joined by officials from the Genesee County Health Department to share important health information for Flint residents on water.**
>
> -Jason Lorenz

Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

From: Stanton, Terry A. (Treasury)
Sent: Friday, September 25, 2015 9:02 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV); Wurfel, Brad (DEQ); Minicuci, Angela (DCH)
Subject: Re: PRESS BRIEFING: Health Information for Residents on Water

FYI--This was on MLive earlier this week.

http://www.mlive.com/news/flint/index.ssf/2015/09/flint_will_issue_lead_advisory.html#incart_river

On Sep 25, 2015, at 8:54 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> FYI
>
> Dave - please followup and see if we can get more on content, unless someone knows already.
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** Jason Lorenz <jlorenz@cityofflint.com>
> **Date:** September 25, 2015 at 8:15:46 AM EDT
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> **UPDATE: Flint Mayor Dayne Walling will also be in attendance for today's briefing.**
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WHERE: Mayor's Office Conference Room

Details: City Administrator Natasha L. Henderson and Department of Public Works Director Howard Croft will be joined by officials from the Genesee County Health Department to share important health information for Flint residents on water.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Friday, September 25, 2015 11:18 AM
To: Murray, David (GOV)
Subject: A news media question

Dave,

Can we expect to see the governor play a more visible role in solving Flint's water problem?

Steve Carmody
Michigan Radio

From: Stanton, Terry A. (Treasury)
Sent: Friday, September 25, 2015 11:48 AM
To: Murray, David (GOV)
Subject: Flint info

Dave…

See below…from TPs developed last spring. Calling you momentarily..

The City has received significant financial assistance through both grant programs and bond restructuring initiatives administered by the MI Department of Treasury. This financial assistance has allowed the City to replace miles of aged pipeline and begin efforts to install a specialized filter at the Water Treatment Plant.

In February, Flint was awarded a total of $2 million through two *Financially Distressed Cities, Villages, and Townships Grants*. $1.1 million was awarded for water system enhancements through improved waste management while $900,000 was awarded for water system enhancements through leak detection and pipe assessments.

On April 8th, the City announced that it was moving forward with a series of actions to ensure the continued safety of Flint drinking water and address issues of discoloration and odor. The most significant step will be the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant. The GAC filter will help block or eliminate the formation of TTHM during the filtration process. The $1.5 million project (targeted for completion by mid-July) will be funded with proceeds from the state-approved restructuring of Flint's Drinking Water Revolving Fund loans ($2.24 million).

The City is undertaking a number of other improvements to the water system including the acceleration of valve replacements, targeted hydrant flushing, the replacement of two miles of water main in a critical area of the city, and acceleration of the project to automate plant operations.

From: Kiertzner, James <jim.kiertzner@wxyz.com>
Sent: Friday, September 25, 2015 12:03 PM
To: Murray, David (GOV)
Subject: Re: Flint water

Thx. I will be calling your health study person in about an hour

Sent from my iPhone

On Sep 25, 2015, at 11:58 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Jim,
>
> The governor and the state agencies continue to work very closely with Flint city leaders on their infrastructure challenges. We understand why people are frustrated by what they are hearing, and also want to make sure residents have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.
>
> The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts, and members will study data and offer recommendations. The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.
>
> **Dave Murray**
> Deputy Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
> <image001.jpg>

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From: Minicuci, Angela (DCH)
Sent: Friday, September 25, 2015 12:09 PM
To: Murray, David (GOV)
Subject: Re: Flint water

Yes. I'll reach out to him now.

Sent from my iPhone

On Sep 25, 2015, at 12:07 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Angela,
>
> Are you available for more questions today? I sent Jim Kiertzner from WXYZ your info. You'll see below what I've already sent him.
>
> Great job yesterday.
>
> Dave
>
> ---
>
> **From:** Kiertzner, James [mailto:jim.kiertzner@wxyz.com]
> **Sent:** Friday, September 25, 2015 12:03 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Re: Flint water
>
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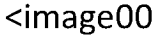
Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray



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From: Dupnack, Jessica <jessica.dupnack@abc12.com>
Sent: Friday, September 25, 2015 12:24 PM
To: Murray, David (GOV)
Subject: Questions About Flint Water

Hello! Below are the questions I'm requesting. It pertains to recent findings by Virginia Tech University and physicians at Hurley Medical Center that show elevated levels of Lead in the water. Particularly unsafe levels found in children's bloodstream in Flint. Both are blaming Flint River water as the cause for these levels. As they were compared to Lead blood levels in children prior to switching from the Detroit Water System to the Flint River.

1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?

2 - What kind of specific analysis was done before making those decisions. Not speaking to the financial analysis but rather the scientific study of what switching sources could potentially mean?

3 - There has been a big push from residents, nationally renown scientists and now the medical community to switch back to The Detroit Water System because it is less corrosive. In turn, reducing the amount of Lead in the system due to the highly corrosive Flint River Water. What would it take to do so given that under PA 436 the decision made under Earley cannot be reversed?

4 - Has he Governor been in contact with City of Flint officials regarding this matter?

5 - Flint Mayor Dayne Walling has requested financial support from the state in helping with what some are calling a Lead crisis. Is that something the Governor is considering? Given that the decision to switch off of Detroit was under the backing of the Department of Treasury i.e. Darnell Earley.

Thanks!
Jessica Dupnack

From: Dupnack, Jessica <jessica.dupnack@abc12.com>
Sent: Friday, September 25, 2015 12:32 PM
To: Murray, David (GOV)
Subject: Re: Questions About Flint Water

Sounds great!

Thanks!
Jessica Dupnack

> On Sep 25, 2015, at 12:28 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Hi Jess,
>
> I'm rounding up answers for you. I might delegate some of the questions to experts within our departments for some of the details, so you might hear directly from them.
>
> What's your phone number?
>
> Thanks!
>
> Dave
>
>
>
> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Friday, September 25, 2015 12:24 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Questions About Flint Water
>
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>
> Thanks!
> Jessica Dupnack

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Friday, September 25, 2015 12:34 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ)
Subject: flint river

Hi Dave/Brad:
Mayor Walling said today that at his meeting with DEQ Monday there was discussion of switching Flint back to Detroit water.
He said Director Dan Wyant specifically discussed the possibility but Walling would not characterize what Wyant said on Monday or what his position was on such a shift.
The mayor said today he believes use of the Flint River presents "an increased risk" of elevated lead levels because of the corrosiveness of the water.
He said it would take the support of the governor to change the water source back to Flint. He described discussions about reconnecting to Detroit as ongoing.
You may have seen these comments as we live streamed the news conference on MLive.
I'm interested in the director's position on the potential for reconnecting Flint to Detroit water but especially the governor'sposition given the mayor's comments today.
Thanks for your help. I have about two hours before I need to get this posted.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Friday, September 25, 2015 12:41 PM
To: Murray, David (GOV)
Subject: Re: A news media question

Dave,

Any update on Mayor Walling's request for $30 million dollars in state aid to fix the water system and help pay for removal of lead pipes in people's homes?

Steve

On Fri, Sep 25, 2015 at 11:54 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Hi Steve,

The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.

The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations. The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Dave

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Friday, September 25, 2015 11:18 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: A news media question

Dave,

Can we expect to see the governor play a more visible role in solving Flint's water problem?

Steve Carmody

Michigan Radio

From: Agen, Jarrod (GOV)
Sent: Friday, September 25, 2015 12:44 PM
To: Murray, David (GOV)
Subject: Re: Questions About Flint Water

I think it's perfectly fair to say the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor.

Sent from my iPhone

> On Sep 25, 2015, at 12:41 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Jarrod,
>
> The first question from this Flint television reporter might be the opening we are looking for. I know we're being RPA and careful, but can I use this as an opportunity to point out that the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor -- and that the EM was following the wishes of the local leaders?
>
> It's not like the vote was a secret, and there are stories about it at the time. We've tread lightly there before, but her question allows us to state that accurately and openly. Can I go there?
>
> Here question:
>
> 1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?
>
> What do you think?
>
>
> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Friday, September 25, 2015 12:24 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Questions About Flint Water
>
> Hello! Below are the questions I'm requesting. It pertains to recent findings by Virginia Tech University and physicians at Hurley Medical Center that show elevated levels of Lead in the water. Particularly unsafe levels found in children's bloodstream in Flint. Both are blaming Flint River water as the cause for these levels. As they were compared to Lead blood levels in children prior to switching from the Detroit Water System to the Flint River.
>
> 1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?
>
> 2 - What kind of specific analysis was done before making those decisions. Not speaking to the financial analysis but rather the scientific study of what switching sources could potentially mean?
>

> 3 - There has been a big push from residents, nationally renown scientists and now the medical community to switch back to The Detroit Water System because it is less corrosive. In turn, reducing the amount of Lead in the system due to the highly corrosive Flint River Water. What would it take to do so given that under PA 436 the decision made under Earley cannot be reversed?
>
> 4 - Has he Governor been in contact with City of Flint officials regarding this matter?
>
> 5 - Flint Mayor Dayne Walling has requested financial support from the state in helping with what some are calling a Lead crisis. Is that something the Governor is considering? Given that the decision to switch off of Detroit was under the backing of the Department of Treasury i.e. Darnell Earley.
>
> Thanks!
> Jessica Dupnack

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Friday, September 25, 2015 1:21 PM
To: Murray, David (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: RE: flint river

Ive got some context. He was referring specifically to the final order from Jerry Ambrose that said the EM's actions couldn't be undone immediately by the mayor or council.
Walling said the governor would need to support such changing an action of the former EM.
Also, while walling said reconnection with Detroit is part of the discussion with the state, he did not say he will ask the governor to do it.
He said after the news conference that he has no plans to make the request but said it has been part of ongoing discussions.
Here's a link to our live stream.
http://www.mlive.com/news/flint/index.ssf/2015/09/watch_live_flint_lead_in_water.html#incart_river_home

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, September 25, 2015 12:37 PM
To: Ronald Fonger
Subject: RE: flint river

I can give you information from the governor, but Brad can help with the director. I'm not sure what the mayor means by "support of the governor." Did he elaborate? Can you ask him exactly what he wants the governor to do?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Friday, September 25, 2015 12:34 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Subject: flint river

Hi Dave/Brad:
Mayor Walling said today that at his meeting with DEQ Monday there was discussion of switching Flint back to Detroit water.
He said Director Dan Wyant specifically discussed the possibility but Walling would not characterize what Wyant said on Monday or what his position was on such a shift.

The mayor said today he believes use of the Flint River presents “an increased risk” of elevated lead levels because of the corrosiveness of the water.
He said it would take the support of the governor to change the water source back to Flint. He described discussions about reconnecting to Detroit as ongoing.
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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Friday, September 25, 2015 2:35 PM
To: Murray, David (GOV)
Subject: RE: flint river

OK. Is reconnection to Detroit an option that's still being considered by the governor?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, September 25, 2015 1:52 PM
To: Ronald Fonger
Subject: RE: flint river

Thanks for the insight. That helps! I'm sure Brad filled you in on the Wyant conversations.

The governor and state agencies continue to work with city and community leaders on a variety of approaches to help residents and ensure they have clean, safe water. It's important that residents have access to accurate information, and know where they can get their homes tested and have access to medical tests that will ease their minds. Both the Department of Environmental Quality and the Department of Health and Human Services are working closely with the city and evaluating data to assist the Flint leaders as they make decisions for their city moving forward.

Dave

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Friday, September 25, 2015 1:21 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Subject: RE: flint river

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MLive Media Group
Reporter

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Hi Dave/Brad:
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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Shannon Elizabeth Murphy <SMURPHY5@mlive.com>
Sent: Friday, September 25, 2015 2:55 PM
To: Murray, David (GOV)
Cc: Jennifer Eyer
Subject: Re: Can you remove this attacking comment?

Thanks, Dave. We'll take a look into it.
But, are you saying you don't want to drink the Flint water? :)

On 9/25/15, 2:52 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

>State says data shows no link to Flint River, elevated lead in blood
>[MYMIII]<http://connect.mlive.com/user/MYMIII/index.html>
>MYMIII<http://connect.mlive.com/user/MYMIII/index.html>8 hours ago
>
>Under Pothole Rick's tutelage, Dave Murray has become an accomplished
>liar. Pothole Rick and company couldn't care less about Flint
>residents or any other resident of MI for that matter, unless they can
>provide some financial or political benefit. I say let Dave Murray and
>Pothole Rick drink the water from the Flint River if it is so safe.
>Pothole and Dave, show us how safe it is by drinking it and bathing in
>it as long as the residents of Flint have to. Drink the water Dave.
>Drink the water Pothole. Bathe in it.
>
>1LikeReply
>
>Sent from my iPad

From: Andrew Moore <amoore@sbgtv.com>
Sent: Friday, September 25, 2015 3:39 PM
To: Murray, David (GOV)
Subject: RE: Flint water

For sure next time you are in town let's all get together over a nice flask of Flint water and catch up. LOL

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, September 25, 2015 2:31 PM
To: Andrew Moore
Subject: Flint water

Hi Drew,

Always nice talking to you!

Changing back to the Detroit water, should that be an available option, might not have the effect that some in the community believe it will have.

The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.

The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations. The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov

517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Andrew Moore <amoore@sbgtv.com>
Sent: Friday, September 25, 2015 3:40 PM
To: Murray, David (GOV)
Subject: RE: Flint water

I hear 2014 or 2015 is a good vintage. I'll make sure we have it ready to go.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, September 25, 2015 3:39 PM
To: Andrew Moore
Subject: RE: Flint water

Deal!

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Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

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Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Bedan, Morgan (GOV)
Sent: Friday, September 25, 2015 4:11 PM
To: Murray, David (GOV)
Subject: RE: Flint water background

Thank you!

From: Murray, David (GOV)
Sent: Friday, September 25, 2015 4:08 PM
To: Bedan, Morgan (GOV) <BedanM@michigan.gov>
Subject: Flint water background

Hello Morgan,

Here is an FAQ provided by the DEQ and talking points provided by DHHS.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI nobile
Twitter:@michigandmurray

From: Wurfel, Sara (GOV)
Sent: Friday, September 25, 2015 4:22 PM
To: Murray, David (GOV)
Subject: Fwd: Flint water

Calling you about this one ...

Sent from my iPhone

Begin forwarded message:

> **From:** "Kaffer, Nancy" <nkaffer@freepress.com>
> **Date:** September 25, 2015 at 4:14:19 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Subject: FW: Flint water**
>
> Deadline question for a column due today. :)
>
> _____
> Nancy Kaffer
> Columnist
> Detroit Free Press
> www.freep.com/abettermichigan
> 313-222-6585
> @nancykaffer, @abettermi
>
> -----Original Message-----
> From: Kaffer, Nancy
> Sent: Friday, September 25, 2015 2:54 PM
> To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
> Subject: RE: Flint water
>
> Hi Sara - A little confused by your response. Not sure if Darnell Earley was EM when the decision was made to use Flint River -- It may have been Michael Brown? He was EM when the decision was made to join the KAregnondi Water Authority but I'm not sure about the decision to switch to Flint River water and stop using DWSD, but regardless, he's an EM appointed by the governor -- but I'm unclear why you guys would sign off on something as important about the integrity of an entire city's water supply if you had "severe reservations"? Any light you could shed on that would be much appreciated.
>
> Also, not clear what the Genesee Board of Commissioners has to do with it? They're a separate water customer and have continued to use DWSD while Karegnondi is under construction.
>
> Our data analyst has been in contact with HHS. Story on that is forthcoming.
>
> _____
> Nancy Kaffer
> Columnist

Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

-----Original Message-----
From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Thursday, September 24, 2015 4:26 PM
To: Kaffer, Nancy <nkaffer@freepress.com>
Subject: Re: Flint water

Just so you know ... that's not accurate history, Nancy. This change was pushed and direct request of Genesee Co Board of Commissioners AND city council (7-1) and mayor at the time. We had severe reservations about switch but ultimately was nearly unanimous request from local local level that Treasury signed off on. (And FYI double checking, but nearly certain EM at time was not Darnell E.)

Not that any of that matters, Nancy.
The bottom line is that we have been working hard to do everything possible to play a supportive role and work in collaborative fashion across all levels of government with community, faith & business leaders, residents, etc.

Protecting public health is paramount and safe, clean, accessible drinking water is essential. That's what we solely focused on helping ensure.

Highly recommend you reach out to state Health & Human Services team for how this data set was spliced and diced. That's key to understanding. They can walk through for you and Freep team.

Thanks much,
SW

Sent from my iPhone

On Sep 24, 2015, at 3:37 PM, Kaffer, Nancy
<nkaffer@freepress.com<mailto:nkaffer@freepress.com>> wrote:

Hey Sara - comment on this elevated lead in the Flint water system? Specifically because the Flint EM is the one who made the decision to hook up to the Flint ... the same Flint EM who is now DPS EM, correct?

_____
Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan<http://www.freep.com/abettermichigan>
313-222-6585
@nancykaffer, @abettermi

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Friday, September 25, 2015 5:21 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Stanton, Terry A. (Treasury)
Cc: Darnell Earley; Chrystal Wilson
Subject: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Importance: High

Sara, Dave, Terry,

Mr. Earley got a request from Freep's Nancy Kaffer for a comment on the Flint Water situation. She is doing a column for Sunday's paper that is a follow up to the paper's story that ran yesterday on Flint water quality.

She asked for his comment, she said, since water system decisions were made under his term as EM.

The following is the statement that he would like to send to Nancy. Her deadline is, as always, rapidly approaching. Apologies for short turn-around time.

"The decision for Flint to join the Karegnondi Water Authority and to leave the Detroit Water and Sewerage System was made under the authority of previous Flint Emergency Managers prior to my appointment in October 2013. And, while the deal to sell the pipeline had been in process as I assumed my position, it was finalized after thorough review and with the health and well-being of all citizens -- from small children to senior citizens and everyone in between -- taken into consideration. An even bigger concern that we must all be paying attention to is the aging infrastructure and water distribution systems in all of our urban communities -- many of which are more than 100 years old. Where the focus should be placed moving forward is not on what we do in the interim between now and when the new system is complete, but what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County. Iam confident that the city of Flint is following the standards of the State of Michigan's Department of Environmental Quality for safe water compliance, as it should."

Please let me know if you have any issues/edits.

Thanks,

Michelle

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Friday, September 25, 2015 5:30 PM
To: Murray, David (GOV)
Cc: Darnell Earley
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Thanks. Am I OK to send with your approval?

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Friday, September 25, 2015 5:28 PM
To: Michelle Zdrodowski
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Looks good!

Sent from my iPhone

On Sep 25, 2015, at 5:21 PM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org<mailto:michelle.zdrodowski@detroitk12.org>> wrote:

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Sent: Friday, September 25, 2015 5:33 PM
To: Murray, David (GOV)
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

LOL. Came right out of his mouth, since I have not knowledge of the Flint situation :)

Have a great weekend.

Z

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Friday, September 25, 2015 5:31 PM
To: Michelle Zdrodowski
Subject: RE: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Works for me. Nice job!

-----Original Message-----
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Sent: Friday, September 25, 2015 5:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Darnell Earley <darnell.earley@detroitk12.org>
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

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3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Friday, September 25, 2015 5:34 PM
To: Murray, David (GOV)
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

HA! Everyone had a life before DPS.

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Friday, September 25, 2015 5:33 PM
To: Michelle Zdrodowski
Subject: RE: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

You, too!

And I confess, at first I thought "Why the heck are they asking DPS about Flint water..."

-----Original Message-----
From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Friday, September 25, 2015 5:33 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

LOL. Came right out of his mouth, since I have not knowledge of the Flint situation :)

Have a great weekend.

Z

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Friday, September 25, 2015 5:31 PM

To: Michelle Zdrodowski
Subject: RE: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Works for me. Nice job!

-----Original Message-----
From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Friday, September 25, 2015 5:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Darnell Earley <darnell.earley@detroitk12.org>
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Thanks. Am I OK to send with your approval?

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Friday, September 25, 2015 5:28 PM
To: Michelle Zdrodowski
Subject: Re: Free Press Request for Comment from DE on Flint Water-RESPONSE FOR REVIEW

Looks good!

Sent from my iPhone

On Sep 25, 2015, at 5:21 PM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org<mailto:michelle.zdrodowski@detroitk12.org>> wrote:

Sara, Dave, Terry,

Mr. Earley got a request from Freep's Nancy Kaffer for a comment on the Flint Water situation. She is doing a column for Sunday's paper that is a follow up to the paper's story that ran yesterday on Flint water quality.

She asked for his comment, she said, since water system decisions were made under his term as EM.

The following is the statement that he would like to send to Nancy. Her deadline is, as always, rapidly approaching. Apologies for short turn-around time.

"The decision for Flint to join the Karegnondi Water Authority and to leave the Detroit Water and Sewerage System was made under the authority of previous Flint Emergency Managers prior to my appointment in October 2013. And, while

the deal to sell the pipeline had been in process as I assumed my position, it was finalized after thorough review and with the health and well-being of all citizens -- from small children to senior citizens and everyone in between -- taken into consideration. An even bigger concern that we must all be paying attention to is the aging infrastructure and water distribution systems in all of our urban communities -- many of which are more than 100 years old. Where the focus should be placed moving forward is not on what we do in the interim between now and when the new system is complete, but what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County. Iam confident that the city of Flint is following the standards of the State of Michigan's Department of Environmental Quality for safe water compliance, as it should."

Please let me know if you have any issues/edits.

Thanks,

Michelle

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Burr, Richard <RBurr@detroitnews.com>
Sent: Friday, September 25, 2015 7:36 PM
To: Murray, David (GOV)
Subject: Flint water system and Gov. Snyder

Flint Mayor Walling has said the state is having discussions with the city of Flint about returning to the Detroit water system. He said Snyder has a "substantial responsibility" to help solve Flint's water problems.

What say you? This is what is being reported, according to the Flint Journal:

Snyder spokesman Dave Murray declined to specifically address whether reconnecting to Detroit was still an option.

"It's important that residents have access to accurate information, and know where they can get their homes tested and have access to medical tests that will ease their minds," Murray told The Flint Journal

From: Stanton, Terry A. (Treasury)
Sent: Friday, September 25, 2015 8:05 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Wurfel, Brad (DEQ)
Subject: Kaffer issue.

Sara and Dave...

Below is my proposed response to Nancy...with which I intend to include 3 documents. Please confirm you are ok with this as it won't necessarily paint DWSD in a favorable light.

Please advise asap. I will send the 2 additional letters under separate emails.

"Nancy...

I am sending you a series of documents (3) to help frame the situation regarding Flint water.

The first is a letter Flint officials sent to DWSD in June of 2012, requesting that Flint be allowed to "blend" DWSD water with Flint river water to keep costs for Flint reasonable and affordable. Please note that DWSD was increasing rates by 5-times.

The second letter (Sept. 2012) from the city of Flint to the DWSD again requests written approval for the city to "blend" water, as requested in the June letter.

These letters were sent to DWSD as Flint officials, including the Mayor and city council, considered a move to KWA vs staying with DWSD.

In April of 2013, Flint received the 3rd document, from DWSD, terminating the contract with Flint effective April 17, 2014.

It is my understanding that the City of Flint then worked over the next number of months to upgrade its water facilities, test those facilities for quality and efficient water supply to residents and to gain Department of Environmental Quality approval to use Flint River water until KWA was operational in the spring of 2016.

Given DWSD's decision to terminate Flint's contract...and given that the Flint River had long been the city's backup source, Flint was faced with limited options."

From: Burr, Richard <RBurr@detroitnews.com>
Sent: Friday, September 25, 2015 8:48 PM
To: Murray, David (GOV)
Subject: RE: Flint water system and Gov. Snyder

thanks

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, September 25, 2015 8:41 PM
To: Burr, Richard <RBurr@detroitnews.com>
Subject: Re: Flint water system and Gov. Snyder

The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.

The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations. The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Dave

On Sep 25, 2015, at 7:36 PM, Burr, Richard <RBurr@detroitnews.com<mailto:RBurr@detroitnews.com>> wrote:

Flint Mayor Walling has said the state is having discussions with the city of Flint about returning to the Detroit water system. He said Snyder has a "substantial responsibility" to help solve Flint's water problems.

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"It's important that residents have access to accurate information, and know where they can get their homes tested and have access to medical tests that will ease their minds," Murray told The Flint Journal

From: Sarah Cwiek <scwiek@umich.edu>
Sent: Monday, September 28, 2015 12:28 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Follow-up questions re: Flint water

Hi Sara and Dave,

I asked the Governor some questions about this in the Detroit scrum this morning. He told me everybody is still working on it, no specifics,waiting on "getting all the facts," but something should be announced this week.

I do understand that, but it does raise a couple of other question in the meantime:

--What "facts" are you still trying to get? What, specifically, is the factual dispute here at this point?
--Even if we don't have specifics yet, how much responsibility do the Governor and state ultimately bear for fixing the whole problem? Especially since the city had an EM when the water switch was made?

Thanks so much,

Sarah

--
Sarah Cwiek
Detroit reporter, Michigan Radio
Desk: (248) 850-8601
Mobile: PPI
www.michiganradio.org

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 1:20 PM
To: Murray, David (GOV); Lasher, Geralyn (DCH); Wurfel, Brad (DEQ)
Subject: FW: Letter to Governor Snyder: Flint Water
Attachments: 09.28.2015-Letter-Ananich-Snyder-Water-Requests.pdf

Looping you in too …

Need a follow-up call on this issue to chat and make sure we're all on same page asap.

From: Muchmore, Dennis (GOV)
Sent: Monday, September 28, 2015 12:05 PM
To: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Subject: FW: Letter to Governor Snyder: Flint Water

Just came in

From: Andrew Leavitt [mailto:ALeavitt@senate.michigan.gov]
Sent: Monday, September 28, 2015 11:45 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Letter to Governor Snyder: Flint Water

Hi Dennis,

Senator Ananich began drafting the attached letter on Sunday and thought it would be helpful to guide our 12pm call.

Thanks,

Andy

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

September 28, 2015

State of Michigan
Executive Office of the Governor
P.O. Box 30013
Lansing, MI 48909

Governor Snyder,

Access to safe, affordable drinking water is a basic necessity for every community. It is completely unacceptable that respected scientific experts and our trusted local physicians have verified that the City of Flint's drinking water is dangerous for our citizens, especially our most vulnerable young people.

As a result, I am formally requesting assistance as suggested by the experts on the frontline of this public health crisis. Here are the top priorities we should work together to address:

1. **Swift transfer to a safe source of water until the Karegnondi Water Authority (KWA) project is complete next year.** Your administration has the ability to ensure a financially acceptable and responsible contract between Flint and the Detroit Water and Sewerage Department, particularly in light of the public health implications with the Flint River supply.

2. **Equally urgent is the need for corrosion control as recommended by independent scientific experts.** There are chemical treatment additives that could help reduce this corrosion. I urge you to help the city implement anti-corrosion methods immediately. The current emergency makes the January timeline unacceptable.

3. **Filters and bottled water assistance.** Flint water touches the entire city. Whether it's a person's home, work, school, restaurant or place of worship, access to safe, clean drinking water should not be hindered. Water filters, used in conjunction with corrosion control methods, are necessary to help guard against toxic exposure.

   I have been working with the philanthropic community and private sector to secure donations to acquire filters and water; however, more funds will be necessary to effectively cover the thousands of residents impacted. I would like to formally request emergency funding to help supplement the acquisition of water filters and bottled water. Any and all appropriate state or federal money to help accomplish this feat should be considered.

SENATE MINORITY LEADER
JIM ANANICH

517.373.0142
senjananich@senate.michigan.gov
senatedems.com/ananich

4. **Support for completion of the KWA pipeline.** It is presumed that the upcoming KWA pipeline will solve a number of problems associated with the current sourcing of Flint's water from the Flint River. I am requesting a meeting between representatives from your office, KWA board members and project engineers to discuss any options to expedite the pipeline's construction.

5. **A long-term commitment to addressing outdated infrastructure.** A recent EPA report just outlined the billions of dollars necessary over the next several decades to adequately secure safe water for our entire state. You have the position and opportunity to be a national leader on moving the debate forward on this topic so that we can avoid the type of catastrophe my community is grappling with today.

I look forward to working with you to deliver on these concrete and urgent action items to alleviate the public health crisis facing our residents.

We jeopardize any progress and comeback for our cities and state if we cannot ensure safe, basic necessities for our families or if we cannot come together swiftly to fix an identified, severe threat to the safety of our people.

Sincerely,

Jim Ananich
Senate Democratic Leader
District 27

cc:
U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Howard Croft, City of Flint
Susan Hedman, EPA
Thomas Poy, EPA
Michael Schock, EPA-ORD
Darren Lytle, EPA-ORD
Denise Fortin, EPA
Liane Shekter-Smith, MDEQ
Pat Cook, MDEQ
Stephen Busch, MDEQ
Brad Wurfel, MDEQ
Marc Edwards, Virginia Tech

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, September 28, 2015 2:58 PM
To: Murray, David (GOV)
Subject: seeking comment on ananich

Dave:
We just received this and understand the governor also spoke to Congressman Kildee today about the potential for state funding for lead clearing water filers.

As you see, Ananich is asking for strong consideration of switching back to the Detroit water source.

I'm interested in a comment from your office on these two suggestions, particularly the Detroit water switch since Ananich has put this in writing and a grass roots group that includes local pastors asked for the same thing in a news conference this morning.

Thanks,

Senate Minority Leader Jim Ananich (D-Flint) issued the following statement:

"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

"My formal request included immediate and long-term solutions, including strong consideration for switching back to the Detroit water source until the Karegnondi Pipeline Authority project is complete. Anything less than an aggressive, comprehensive approach is simply unacceptable."

A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 3:10 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Mcbride, Bill (GOV); Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: FW: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

Importance: High

FYI --

And for the record, NO ONE from the Senator's office reached out before they put this out, though I know such action was alluded too. And I do try to make sure Angela on comms team always gets a heads up on key things we're doing.

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, September 28, 2015 2:48 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FOR IMMEDIATE RELEASE
September 28, 2015

Contact: Angela Wittrock
517.775.1430

Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FLINT, Mich.—Senate Minority Leader Jim Ananich (D-Flint) issued the following statement:

"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

"My formal request included immediate and long-term solutions, including strong consideration for switching back to the Detroit water source until the Karegnondi Pipeline Authority project is complete. Anything less than an aggressive, comprehensive approach is simply unacceptable."

A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
C: **PPI**

Please sign up for our e-news at: Senatedems.com/Ananich
Facebook: jimananich | Twitter: @jimananich

From: Kyle Melinn <melinnky@gmail.com>
Sent: Monday, September 28, 2015 3:13 PM
To: Murray, David (GOV)
Subject: Fwd: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

Dave -

We just received this release from Sen. Ananich. Do you know if the Governor is doing anything in particular on this issue of Flint's lead-laced water supply?

Kyle
---------- Forwarded message ----------
From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
Date: Mon, Sep 28, 2015 at 2:48 PM
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint
To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE Contact: Angela Wittrock

September 28, 2015 517.775.1430

Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FLINT, Mich.—Senate Minority Leader Jim Ananich (D-Flint) issued the following statement:

"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

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A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

###

Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: **PPI**

Please sign up for our e-news at: Senatedems.com/Ananich
Facebook: jimananich | Twitter: @jimananich

From: Nick Lulli <Nick.Lulli@wnem.com>
Sent: Monday, September 28, 2015 3:18 PM
To: Murray, David (GOV)
Subject: Re: Flint water

10-4 thanks

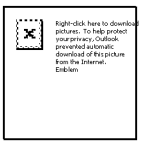
From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Monday, September 28, 2015 3:17 PM
To: Nick Lulli
Subject: Flint water

Hi Nick,

Gov. Snyder believes all state residents to have access to clean, safe water.
The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.
The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations. The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.
It's important to remember that the emergency manager had the final say on making the change, but did so at the strong urging of Flint city leaders. This was not a decision that was forced upon the city. Emergency managers often try to work closely with mayors and city councils, getting recommendations from the local communities they are serving. The decision to make the switch during the construction of the Karegnondi pipeline came after an 8-1 vote by the City Council and strong endorsement by the mayor and Genesee County leaders. The move also came after a series of upgrades to Flint's water treatment plant.

It's also important to remember that switching back to Detroit water will not necessarily have the effect that some expect. Flint has long-term challenges with its water infrastructure that need to be addressed.
Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



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From: Bowling, Joe'L (GOV)
Sent: Monday, September 28, 2015 3:19 PM
To: Murray, David (GOV)
Cc: Wurfel, Sara (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Amazon Interview Transcribed
Attachments: Amazon Interview Transcribed.docx

Here is the Amazon Interview transcribed.

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

Amazon Interview (transcribed)

Not Responsive

-This water situation in Flint is one of our main focuses, but what are your plans to do with that?

Gov Snyder: Well, there are a lot of things currently in the process. In terms of talking to Flint, and working with Flint to help make sure we're getting all the facts and working hard on doing the best we can to deal with the water issues in Flint.

-Nothing more substantial at this point?

Gov Snyder: Oh yeah, there's actions going on, but I think I'd rather make sure we can give you a longer list of comprehensive data taken sometime during the week.

-Sometime during the week?

Gov Snyder: Yep. We're working interactively

Not Responsive

Not Responsive

From: Nick Lulli <Nick.Lulli@wnem.com>
Sent: Monday, September 28, 2015 3:23 PM
To: Murray, David (GOV)
Subject: Re: Flint water

Better to have too much than too little! Thanks!

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Monday, September 28, 2015 3:22 PM
To: Nick Lulli
Subject: RE: Flint water

Sorry for the delay! I know this is probably way more than you wanted...

From: Nick Lulli [mailto:Nick.Lulli@wnem.com]
Sent: Monday, September 28, 2015 3:18 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint water

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Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

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From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, September 28, 2015 3:25 PM
To: Murray, David (GOV)
Subject: RE: seeking comment on ananich

Ok thanks dave. I sent it to sara too.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, September 28, 2015 3:23 PM
To: Ronald Fonger
Subject: RE: seeking comment on ananich

Will have something in a minute.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 28, 2015 2:58 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: seeking comment on ananich

Dave:
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Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Sarah Cwiek <scwiek@umich.edu>
Sent: Monday, September 28, 2015 3:28 PM
To: Murray, David (GOV)
Subject: Re: Follow-up questions re: Flint water

Thanks, Dave. This is really truly helpful. I'll leave the more technical stuff with my colleagues who are covering this more closely for now, I was just wondering what basic facts remain in dispute at this point.

In terms of the responsibility question, I guess what I meant was that if we all agree that everyone needs access to safe, fresh water, and if Flint as a city simply can't afford to provide it...does the state then have a responsibility to step in and make that happen, one way or another?

On Mon, Sep 28, 2015 at 12:44 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

HI Sarah,

Touch base with Angela Minicuci at the Department of Health and Human Services – 517-373-0860 – and she has information about state blood test results that are very different than the ones that were discussed in Flint last week. Angela is outstanding. Brand Wurfel of the Department of Environmental Quality is the expert on the water itself, and how and when additives can be added that can address various issues – such as corrosion control measures. There are federal laws that might come into play here. Brad is at 517-230-6713.

I'm not sure I understand your responsibility question.

Gov. Snyder believes all state residents to have access to clean, safe water. We continue to work with Flint city leaders

It's important to remember that the emergency manager had the final say on making the change, but did so at the strong urging of Flint city leaders. This was not a decision that was forced upon the city. Emergency managers often try to work closely with mayors and city councils, getting recommendations from the local communities they are serving. The decision to make the switch during the construction of the Karegnondi pipeline came after an 8-1 vote by the City Council and strong endorsement by the mayor and Genesee County leaders. The move also came after a series of upgrades to Flint's water treatment plant.

It's also important to remember that switching back to Detroit water will not necessarily have the effect that some expect. Flint has long-term challenges with its water infrastructure that need to be addressed.

The state and city also are following laws regarding testing and corrective measures added to water. When the City changed water sources in May 2014, state and federal law required the city to sample for lead and copper for a full year to determine how the water may be interacting with residential lead plumbing to increase lead levels. Flint is moving quickly to optimize corrosion control measures in its water system. Brad is the expert here and can give you details.

The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.

The state so far has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations.

The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Dave

From: Sarah Cwiek [mailto:scwiek@umich.edu]
Sent: Monday, September 28, 2015 12:28 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Follow-up questions re: Flint water

Hi Sara and Dave,

I asked the Governor some questions about this in the Detroit scrum this morning. He told me everybody is still working on it, no specifics,waiting on "getting all the facts," but something should be announced this week.

I do understand that, but it does raise a couple of other question in the meantime:

--What "facts" are you still trying to get? What, specifically, is the factual dispute here at this point?

--Even if we don't have specifics yet, how much responsibility do the Governor and state ultimately bear for fixing the whole problem? Especially since the city had an EM when the water switch was made?

Thanks so much,

Sarah

--

Sarah Cwiek
Detroit reporter, Michigan Radio
Desk: (248) 850-8601
Mobile: PPI
www.michiganradio.org

--

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Detroit reporter, Michigan Radio
Desk: (248) 850-8601
Mobile: PPI
www.michiganradio.org

Message

From: Angela Wittrock [AWittrock@senate.michigan.gov]
Sent: 9/28/2015 3:47:03 PM
To: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MurrayD1]
Subject: FW: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

From: Angela Wittrock
Sent: Monday, September 28, 2015 2:48 PM
To: Angela Wittrock
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FOR IMMEDIATE RELEASE

Contact: Angela Wittrock

September 28, 2015

517.775.1430

Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FLINT, Mich.—Senate Minority Leader Jim Ananich (D-Flint) issued the following statement:

"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

"My formal request included immediate and long-term solutions, including strong consideration for switching back to the Detroit water source until the Karegnondi Pipeline Authority project is complete. Anything less than an aggressive, comprehensive approach is simply unacceptable."

A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

###

Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

...

Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: **PPI**

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From: Danielle Emerson <demerson@gongwer.com>
Sent: Monday, September 28, 2015 3:49 PM
To: Murray, David (GOV)
Subject: RE: Flint water infrastructure challenges

What confusion? First initial, last name. The only exception here is Alethia Kasben's address, which is reversed, kasbena@gongwer.com. I get all the press releases and schedules? Speaking of, will there be one on the TED initiative he was attending earlier this afternoon?

Either way, confirmed. Thanks!

Danielle

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, September 28, 2015 3:43 PM
To: Danielle Emerson (demerson@gongwer.com)
Subject: Flint water infrastructure challenges

Hi Danielle,

Here you go. Can you confirm that you received this? We had some confusion about your email address.

Gov. Snyder spoke with Sen. Ananich this morning about how the state can continue working with Flint city leaders. We just received the letter from the senator and are reviewing his suggestions. We deeply share the senator's commitment to making sure all state residents have access to clean and safe water.

The governor and state agencies have been closely working with Flint leaders on their infrastructure challenges for months, including about providing $4.2 million in grants and restructured loan financing to provide resources needed to locate and fix infrastructure problems and add the carbon filtration system.

It's important that people have accurate information about their health and water. The Department of Environmental Quality and the Department of Health and Human Services are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes.

Thanks!

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

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www.avast.com

From: Danielle Emerson <demerson@gongwer.com>
Sent: Monday, September 28, 2015 3:57 PM
To: Murray, David (GOV)
Subject: RE: Flint water infrastructure challenges

Not Responsive

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, September 28, 2015 3:53 PM
To: 'demerson@gongwer.com'
Subject: RE: Flint water infrastructure challenges

The intern taking the message had it as d.emerson@gongwer.com. It didn't look right to me, so I sent it to the address I had on file. Just wanted to make sure you got the comment and weren't hanging out there waiting for a response.

Dave

From: Danielle Emerson [mailto:demerson@gongwer.com]
Sent: Monday, September 28, 2015 3:49 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water infrastructure challenges

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Thanks!

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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Twitter:@michigandmurray

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From: Eggert, David <DEggert@ap.org>
Sent: Monday, September 28, 2015 4:10 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

Can one of you call me to discuss? Thx.

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, September 28, 2015 2:48 PM
To: Angela Wittrock
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

FOR IMMEDIATE RELEASE
September 28, 2015

Contact: Angela Wittrock
517.775.1430

Senate Minority Leader Jim Ananich Urges Governor, State Action in Flint

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"My constituents and I believe the state must act urgently to provide concrete solutions to the public health crisis in the City of Flint. In speaking with Governor Snyder and his key aides today, I stressed the need to work together on a number of initiatives that will ensure safe water for Flint residents.

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A copy of Senator Ananich's letter to Governor Snyder can be viewed here.

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
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C: PPI

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msk dccc60c6d2c3a6438f0cf467d9a4938

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:49 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Attachments: 09-22-15 Kildee Requesting Temporary Assistance for Lead in Flint Water.pdf; Flint Pediatric Lead Concerns REVISED.PDF

Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
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Lansing, MI 48910
(517) 333-5042

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5TH DISTRICT, MICHIGAN

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September 22, 2015

Secretary Sylvia Matthews Burwell
U.S. Department of Health & Human Services
HHS Office of the Secretary
200 Independence Avenue, S.W.
Washington, DC 20201

Administrator William Craig Fugate
Federal Emergency Management Agency
500 C Street, S.W.
Washington, DC 20472

Administrator Gina McCarthy
Environmental Protection Agency
Office of the Administrator 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Director Tom Frieden
Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329

Secretary Burwell, Administrator McCarthy, Administrator Fugate and Director Frieden:

Recent developments regarding the level of lead in the water in one of the communities I represent, Flint, Mich., have raised significant concerns about the safety of its drinking water. For this reason, I am requesting immediate resources to provide safe drinking water to the residents of Flint until additional testing can be completed that confirms the water is safe, particularly for young children.

Although the city of Flint and the Michigan Department of Environmental Quality have conducted tests and taken the position that the lead level in the water is safe and below the action level, there are significant questions about the efficacy of their testing. In fact, Dr. Marc Edwards of Virginia Tech University, an established drinking water expert, conducted his own tests as part of a study that determined the water in Flint was above the lead action level.

Additionally, yesterday the Greater Flint Health Coalition, a group of health professionals in the community, released a report showing elevated blood lead levels in residents in Flint, particularly in young children. In response, the Coalition has requested that the Genesee County Health Department release a health advisory indicating that the water in Flint is unsafe to drink.

Thus, I am requesting resources from your agency to provide clean drinking water to the residents of Flint until additional testing can determine when the water will be safe to drink and a long-term solution can be implemented.

This is a serious health issue, particularly for young children, and until the water is demonstrated to be safe, immediate action must be taken to ensure Flint's residents have potable drinking water.

I look forward to working with you and thank you for your immediate attention.

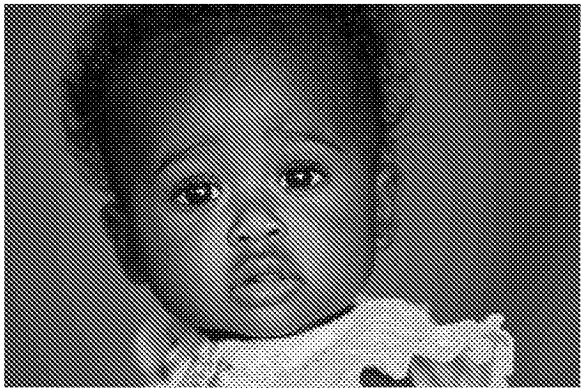
Sincerely,

Dan Kildee
MEMBER OF CONGRESS

Pediatric Lead Exposure In Flint, Michigan:
A Failure of Primary Prevention

Mona Hanna-Attisha MD MPH FAAP
Hurley Children's Hospital
Michigan State University Department of Pediatrics and Human Development

Introducing Makayla*



- 12 month old girl (DOB 8/15/2014) presented last week for her 1 year old check up. No concerns.
- Lives with single mom and 2 older siblings in west side (48504). Formula from WIC; powder mixed with warm tap water.
- Physical exam and development are normal. Makayla receives her 1 year old vaccines and routine lead and hemoglobin screening.
- *A couple days later, lead level comes back as 6 ug/dL.*

*Hypothetical scenario

Blood lead level of 6 ug/dL….

- Blood lead levels (BLL) above 5 ug/dL are considered elevated blood lead levels (EBL)
- Just a few years ago (2012), 10 ug/dL was cutoff
- Increasing evidence shows NO safe blood lead level
- Disproportionately impacts low income, minority children
- Primary prevention is most important

Primary Prevention

- "Because no measurable level of blood lead is known to be without deleterious effects, and because once engendered, the effects appear to be irreversible in the absence of any other interventions, public health, environmental and housing policies should encourage PREVENTION of all exposure to lead."

"Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention." 2012 CDC Advisory Committee on Childhood Lead Poisoning Prevention.

What will happen to Makayla?

- Vast evidence supports increased likelihood of:
  - Decrease in IQ
    - An increase in BLL from 1 to 4 ug/dL, drops mean IQ -3.7 points
  - Small change in mean IQ, shifts entire population IQ distribution
    - Reduces high achievers IQs (>130) and increases kids with low IQs (<70)
    - Implications for special education services, employment, incarceration, life achievement, etc

Lanphear BP et al., Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. Environ Health Perspect, 2005. 113:894-9.
Fewtrell LJ, Pruss-Ustun A, Landrigan P, and Ayuso-Mateos JL, Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. Environmental Research, 2004. 94:120-33.

Behavioral Burden

- Increased likelihood of :
  - ADHD behaviors
  - Delinquent behaviors and arrests
  - Total arrests and increased rates of arrests involving violent offenses
  - Other health effects: hematologic, cardiovascular, immunologic, endocrine, etc

Wright, JP, KN Dietrich, MD Ris, et al. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Med* 5(5): e101

Chen, A, B Cai, KN Dietrich, et al. 2007. Lead exposure, IQ, and behavior in urban 5-7 year-olds: Does lead affect behavior only by lowering IQ? *Pediatrics* 119(3): e650-e658.

Needleman, HL, C McFarland, RB Ness, et al. 2002. Bone lead levels in adjudicated delinquents: A case control study. *Neurotoxicology and Teratology* 24(6):711-717.

The Cost

- "For childhood lead poisoning, $5.9 million in medical care costs, as well as an additional $50.9 billion (sensitivity analysis: $44.8–$60.6 billion) in lost economic productivity resulting from reduced cognitive potential from preventable childhood lead exposure."

- "The present value of Michigan's economic losses attributable to lead exposure in the 2009 cohort of 5 year-olds ranges from $3.19 (using U.S. blood lead levels) to $4.85 billion (using Michigan blood lead levels) per year in loss of future lifetime earnings."

Leonardo Trasande and Yinghua Liu. Reducing The Staggering Costs Of Environmental Disease In Children, Estimated At $76.6 Billion In 2008. *Health Affairs*, 30, no.5 (2011):863-870

The Price of Pollution: Cost Estimates of Environment-Related Childhood Diseases in Michigan. 2010 Report by Michigan Network of Children's Environmental Health

Lead in Water

- Increasing as source of lead, because of success in controlling other sources.
- Increasing due to aging water infrastructures, change in water sources, disinfectant uses, etc
- Disproportionally impacts developmentally-vulnerable formula-fed infants and pregnant mothers
  - For about 25% of infants drinking formula made from tap water at 10 ppb, blood lead would rise above the CDC level of concern of 5 micrograms/deciLiter (or ug/dL).
  - Increase in fetal death and reduced birth weights

Triantafyllidou, S., Gallagher. D. and Edwards, M. Assessing risk with increasingly stringent public health goals: the case of water lead and blood lead in children. Journal of Water and Health. doi: 10.2166/wh.2013.067 58-68 (2014).
Edwards, M. Fetal Death and Reduced Birth Rates Associated with Exposure to Lead-Contaminated Drinking Water. Env. Sci. and Tech. 2013 DOI: 10.1021/es4034952

Preliminary Results

(results removed)

Conclusions from BLL analysis

- % of children with EBL in Flint has increased
  - Most striking increase in zip codes with highest water lead levels
- Results underestimate risk: infants not screened for lead and water usage unknown.
  - *Accurate exposure largely unknown since national childhood lead screening focuses on household lead exposure (paint, soil, dust) at later ages (1 and 2 yrs)*

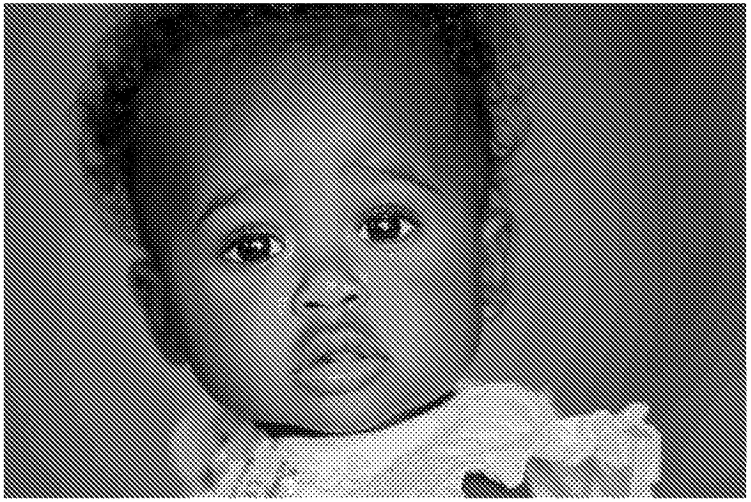
- Results are consistent and concerning. Primary prevention has failed.

Next Steps

- Immediately limit further exposure
  - Encourage breast feeding
  - No tap water for high risk groups: infants on formula & pregnant mothers
  - Declare health advisory: allows WIC to administer water or ready-to-feed formula and other resources (Salvation Army & United Way water supplies)
  - Distribution of lead clearing NSF-approved filters
  - Public education regarding precautions (flushing, etc)
  - Re-connect to Lake Huron water source ASAP

And Makayla…

- Asymptomatic now
- But what will her future hold and an entire generation of Flint children?



From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 5:52 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Mcbride, Bill (GOV)
Cc: Murray, David (GOV); Wisniewski, Wendy (GOV)
Subject: FW: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Attachments: 09-22-15 Kildee Requesting Temporary Assistance for Lead in Flint Water.pdf; Flint Pediatric Lead Concerns REVISED.PDF

Importance: High

Please see attached and below just in case … sounds like we should have follow up conversation with MSP team and make sure we're coordinating with DEQ, DHHS and Treasury.

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:49 PM
To: Etue, Kriste (MSP) <EtueK@michigan.gov>; Gorski, Gary (MSP) <GorskiG@michigan.gov>; Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Katarsky, Anthony (MSP) <KatarskyA@michigan.gov>; Leix, Ron (MSP) <LeixR@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
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Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
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Lansing, MI 48910
(517) 333-5042

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DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

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September 22, 2015

Secretary Sylvia Matthews Burwell
U.S. Department of Health & Human Services
HHS Office of the Secretary
200 Independence Avenue, S.W.
Washington, DC 20201

Administrator William Craig Fugate
Federal Emergency Management Agency
500 C Street, S.W.
Washington, DC 20472

Administrator Gina McCarthy
Environmental Protection Agency
Office of the Administrator 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Director Tom Frieden
Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329

Secretary Burwell, Administrator McCarthy, Administrator Fugate and Director Frieden:

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I look forward to working with you and thank you for your immediate attention.

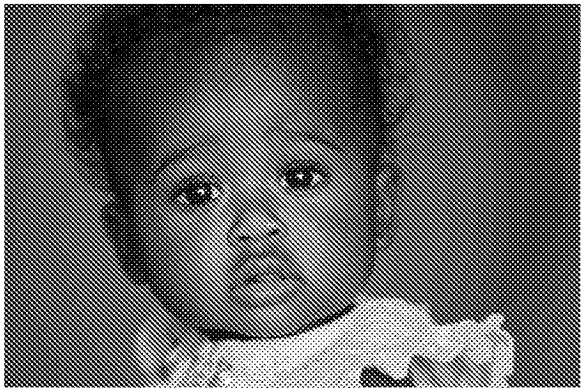
Sincerely,

Dan Kildee
MEMBER OF CONGRESS

Pediatric Lead Exposure In Flint, Michigan:
A Failure of Primary Prevention

Mona Hanna-Attisha MD MPH FAAP
Hurley Children's Hospital
Michigan State University Department of Pediatrics and Human Development

Introducing Makayla*



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- Lives with single mom and 2 older siblings in west side (48504). Formula from WIC; powder mixed with warm tap water.
- Physical exam and development are normal. Makayla receives her 1 year old vaccines and routine lead and hemoglobin screening.
- *A couple days later, lead level comes back as 6 ug/dL.*

*Hypothetical scenario

Blood lead level of 6 ug/dL….

- Blood lead levels (BLL) above 5 ug/dL are considered elevated blood lead levels (EBL)
- Just a few years ago (2012), 10 ug/dL was cutoff
- Increasing evidence shows NO safe blood lead level
- Disproportionately impacts low income, minority children
- Primary prevention is most important

Primary Prevention

- "Because no measurable level of blood lead is known to be without deleterious effects, and because once engendered, the effects appear to be irreversible in the absence of any other interventions, public health, environmental and housing policies should encourage PREVENTION of all exposure to lead."

"Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention." 2012 CDC Advisory Committee on Childhood Lead Poisoning Prevention.

What will happen to Makayla?

- Vast evidence supports increased likelihood of:
  - Decrease in IQ
    - An increase in BLL from 1 to 4 ug/dL, drops mean IQ -3.7 points
  - Small change in mean IQ, shifts entire population IQ distribution
    - Reduces high achievers IQs (>130) and increases kids with low IQs (<70)
    - Implications for special education services, employment, incarceration, life achievement, etc

Lanphear BP et al., Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. Environ Health Perspect, 2005. 113:894-9.
Fewtrell LJ, Pruss-Ustun A, Landrigan P, and Ayuso-Mateos JL, Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. Environmental Research, 2004. 94:120-33.

Behavioral Burden

- Increased likelihood of :
  - ADHD behaviors
  - Delinquent behaviors and arrests
  - Total arrests and increased rates of arrests involving violent offenses
  - Other health effects: hematologic, cardiovascular, immunologic, endocrine, etc

Wright, JP, KN Dietrich, MD Ris, et al. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Med* 5(5): e101

Chen, A, B Cai, KN Dietrich, et al. 2007. Lead exposure, IQ, and behavior in urban 5-7 year-olds: Does lead affect behavior only by lowering IQ? *Pediatrics* 119(3): e650-e658.

Needleman, HL, C McFarland, RB Ness, et al. 2002. Bone lead levels in adjudicated delinquents: A case control study. *Neurotoxicology and Teratology* 24(6):711-717.

The Cost

- "For childhood lead poisoning, $5.9 million in medical care costs, as well as an additional $50.9 billion (sensitivity analysis: $44.8–$60.6 billion) in lost economic productivity resulting from reduced cognitive potential from preventable childhood lead exposure."

- "The present value of Michigan's economic losses attributable to lead exposure in the 2009 cohort of 5 year-olds ranges from $3.19 (using U.S. blood lead levels) to $4.85 billion (using Michigan blood lead levels) per year in loss of future lifetime earnings."

Leonardo Trasande and Yinghua Liu. Reducing The Staggering Costs Of Environmental Disease In Children, Estimated At $76.6 Billion In 2008. *Health Affairs*, 30, no.5 (2011):863-870

The Price of Pollution: Cost Estimates of Environment-Related Childhood Diseases in Michigan. 2010 Report by Michigan Network of Children's Environmental Health

Lead in Water

- Increasing as source of lead, because of success in controlling other sources.
- Increasing due to aging water infrastructures, change in water sources, disinfectant uses, etc
- Disproportionally impacts developmentally-vulnerable formula-fed infants and pregnant mothers
  - For about 25% of infants drinking formula made from tap water at 10 ppb, blood lead would rise above the CDC level of concern of 5 micrograms/deciLiter (or ug/dL).
  - Increase in fetal death and reduced birth weights

Triantafyllidou, S., Gallagher. D. and Edwards, M. Assessing risk with increasingly stringent public health goals: the case of water lead and blood lead in children. Journal of Water and Health. doi: 10.2166/wh.2013.067 58-68 (2014).
Edwards, M. Fetal Death and Reduced Birth Rates Associated with Exposure to Lead-Contaminated Drinking Water. Env. Sci. and Tech. 2013 DOI: 10.1021/es4034952

Preliminary Results

(results removed)

Conclusions from BLL analysis

- % of children with EBL in Flint has increased
  - Most striking increase in zip codes with highest water lead levels
- Results underestimate risk: infants not screened for lead and water usage unknown.
  - *Accurate exposure largely unknown since national childhood lead screening focuses on household lead exposure (paint, soil, dust) at later ages (1 and 2 yrs)*

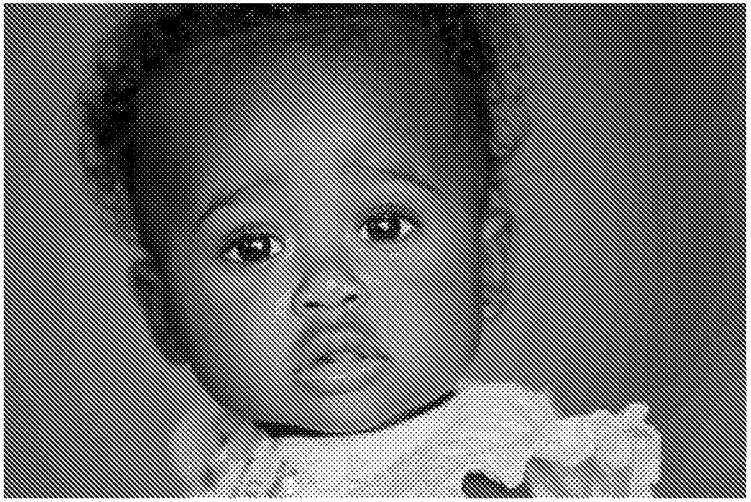
- Results are consistent and concerning. Primary prevention has failed.

Next Steps

- Immediately limit further exposure
  - Encourage breast feeding
  - No tap water for high risk groups: infants on formula & pregnant mothers
  - Declare health advisory: allows WIC to administer water or ready-to-feed formula and other resources (Salvation Army & United Way water supplies)
  - Distribution of lead clearing NSF-approved filters
  - Public education regarding precautions (flushing, etc)
  - Re-connect to Lake Huron water source ASAP

And Makayla…

- Asymptomatic now
- But what will her future hold and an entire generation of Flint children?



From:	Kelenske, Chris (MSP)
Sent:	Monday, September 28, 2015 5:57 PM
To:	Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc:	Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject:	RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

I just caught this...the photo and the scenario in the ppt are HYPOTHETICAL. I have staff following up with the Genesee County EM.

Chris

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 5:43 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

Attached are two documents for your information: 1) A letter from US Representative Kildee to Craig Fugate of FEMA, HHS, EPA, and CDC and 2) a PowerPoint on Flint water concerns. Essentially, Representative Kildee is requesting FEMA take action to resolve potable water quality issues associated with the Flint water system.

This is the first we heard of the letter and I actually found out from the FEMA Region V Director when he called me about an hour ago. He and I discussed a few things on this and he will respond advising they need to work through the local EM system in MI (engaging the local EM and then EMHSD). They also are working through the local health department as I confirmed with Dr. Scott from DHHS. If Flint needs water or want water the first step is to handle it locally (at least on the EM side and then push up any gaps they cannot fill to us). We are not aware of any work the local EM has done in this regard. I will be with the FEMA Region V Director as well as the FEMA Administrator, Craig Fugate, this week if they have questions.

I have advised Dr. Jackie Scott from DHHS and will be sending her the letter and ppt.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 8:19 PM
To: Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV); Sands, Thomas (MSP)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Attachments: Rep Kildee Response 9-28-15.pdf

DHHS just advised me there have been discussions with Nick Lyon and the Governor's Office on this issue. DHHS also advised me that DEQ was involved and DHHS would probably be the Public Health Advisor in Flint this week … not sure exactly what that will mean.

F/Lt Covey spoke to Jen Boyer, the Genesee County EM, and reported the following:

- This is the first she has heard about the Kildee letter.
- She mentioned that a year ago she was aware of a letter that was written to Governor Snyder.
- To her knowledge, the water in Flint is still meeting EPA standards.
- She mentioned that the infrastructure (including residential homes) is old and may be part of the problem, not just because water is from the Flint River.
- She believes the city could connect to the county system if needed.
- The city is supposed to be connecting to a new pipeline from Port Huron in the spring of 2016 which will provide a solution, but the city infrastructure will still require repair.
- She reported The Detroit water system knew Flint would one day connect to this new pipeline, so they raised rates 50%.

Tomorrow Tony Katarsky will speak with our mitigation offices on potential use of 4195 (SE MI disaster) mitigation funds and if they could be used to assist with infrastructure fixes. There is a 25% local match to the federal funds.

Attached is the FEMA response to Rep. Kildee. He may not get it for a couple of days but I told FEMA I wanted a copy and it just came through. Please hold it within the Governor's Office and this group for situational awareness so we do not get ahead of FEMA. FEMA advised him that local or private sector resources would be more expedient and practical.

Chris

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Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies
Importance: High

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Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
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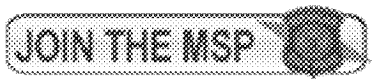
"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."



U.S. Department of Homeland Security
Region V
536 South Clark Street, Floor 6
Chicago, IL 60605

FEMA

September 28, 2015

The Honorable Dan Kildee
United States House of Representatives
227 Cannon House Office Building
Washington, D.C. 20515

Dear Representative Kildee:

This is in response to your letter of September 22, 2015, to Federal Emergency Management Agency (FEMA) Administrator Craig Fugate, as well as the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and the Environmental Protection Agency. You requested federal assistance to provide safe drinking water to residents of the City of Flint, Michigan, until additional testing confirms that the water is safe. Administrator Fugate requested that I respond to you because Michigan is within FEMA Region V.

As you may be aware, the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, authorizes FEMA to provide federal assistance to a state after the governor requests that the president issue a disaster declaration and the president approves the request because it has been determined that the severity and magnitude of the incident exceeds local, tribal and state capabilities. If providing safe water to its residents is beyond the city's capability, the city, through Genesee County Emergency Management, should contact the Michigan State Police Division of Emergency Management and Homeland Security. However, in this situation, it may be more expedient and practical to pursue water sources from other local or private sector entities.

If you have questions or would like additional information, please contact me or have a member of your staff contact my Congressional Affairs Specialist, Dan Shulman, at (312) 408-4427.

Sincerely,

Andrew Velasquez III
Regional Administrator

cc: Capt. Chris Kelenske
Deputy State Director
Emergency Management and Homeland Security Division
Michigan State Police

From: Wurfel, Sara (GOV)
Sent: Monday, September 28, 2015 10:17 PM
To: Kelenske, Chris (MSP); Etue, Kriste (MSP); Gorski, Gary (MSP); Smith, Paul (GOV)
Cc: Katarsky, Anthony (MSP); Leix, Ron (MSP); Banner, Shanon (MSP); Murray, David (GOV); Sands, Thomas (MSP)
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

Many thanks, Chris.

There have been a LOT of conversations and work (and history) on this issue, primarily with both DEQ and DHHS lately, and Treasury previously. Sounds like you definitely got a large part of status update and lay of the land.

Let's touch base tomorrow and can fill you in further. And any insight on any potential use of mitigation funds would be incredibly helpful. We'll make sure to keep MSP EMHSD in loop with other state agencies too moving forward as this issue and infrastructure challenge isn't going away anytime soon.

Thanks again,
SW

From: Kelenske, Chris (MSP)
Sent: Monday, September 28, 2015 8:19 PM
To: Etue, Kriste (MSP) <EtueK@michigan.gov>; Gorski, Gary (MSP) <GorskiG@michigan.gov>; Smith, Paul (GOV) <SmithP29@michigan.gov>
Cc: Katarsky, Anthony (MSP) <KatarskyA@michigan.gov>; Leix, Ron (MSP) <LeixR@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Sands, Thomas (MSP) <SandsT@michigan.gov>
Subject: RE: Flint Water Issue - Rep. Kildee Letter Received By Federal Agencies

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Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, September 29, 2015 8:59 AM
To: Murray, David (GOV)
Subject: water filters

Hey Dave:
Two things.

I heard a clip of the governor on Michigan Radio today, saying, "There's actions going on," he said. "But I think we'd rather make sure I can give you a longer list of the comprehensive actions we're taking sometime during the week."
Is there any information you can share about the timing of the release of this information?

Second, we've repeatedly quoted DEQ and city of Flint people about the efforts to improve water quality and printed assurances that the water meets state and federal health and safety standards. Given that, why did the governor's office help to facilitate the water filter donation?
Were the filters designed to remove TTHM, lead or both?
Thanks

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, September 29, 2015 9:02 AM
To: Murray, David (GOV)
Subject: filters

Dave:
One more thing. Was there a reason the state's involvement in the filter giveaway was never announced?

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Hollins, Harvey (GOV)
Sent: Tuesday, September 29, 2015 9:43 AM
To: Murray, David (GOV)
Subject: FW: Proposed Press Conference on Flint Drinking Water

David,
Could you think about what we need to say on behalf of the Governor at this press conference? I am interested in your thoughts.
Harvey

From: Muchmore, Dennis (GOV)
Sent: Monday, September 28, 2015 2:27 PM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DCH) <lasherg@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
Subject: RE: Proposed Press Conference on Flint Drinking Water

Thank you, you're always ahead of us. I don't have any reservations about the PC, although as I mentioned I don't see any reason to have Mr. Sienko, as we have a top notch professional in Eden Wells and certainly Tim and Geralyn if need be.

From: Wyant, Dan (DEQ)
Sent: Monday, September 28, 2015 7:18 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DCH) <lasherg@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
Subject: Proposed Press Conference on Flint Drinking Water

Per the ongoing issues in Flint concerning their drinking water, I would offer the following recommendations. Let's discuss.

Recommendation

Press Conference in Flint – Wednesday, Thursday or Friday.

Participants

Mayor of Flint
Dan Wyant – Michigan Department of Environmental Quality
Nick Lyon – Department of Community Health
Susan Hedman – Region 5 Administrator or EPA
Harvey Hollins – Governor's office
Local Public Health Department

Announcement

Federal – State – Local action plan to address Flint Drinking Water

1. Governor Snyder names Dr. Dean Sienko as Flint drinking water Public Health Advisor.
2. All Flint schools water will immediately be tested to ensure that drinking water is safe.
3. Advisories will be disseminated recommending citizens flush your cold water pipes, use only water from the cold water tap for drinking, cooking and especially for making baby formula.
4. Implementation of fully optimized corrosion controls in the Flint drinking water system.
5. Expanded water testing of at risk properties.
6. Offer water testing at no cost to Flint residents to assure water is safe.
7. Convene a safe drinking water " Technical Review Advisory" to ensure best technology, practices and science is being utilized, including EPA's expertise and assistance from their Office of Research and Development.
8. Offer bottled water and premixed formula if test results indicate high levels of lead.
9. Accelerate water system improvements to address replacement of lead service lines.

Dan Wyant, Director
Department of Environmental Quality
517-284-6700 (New Number)

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, September 29, 2015 11:34 AM
To: Murray, David (GOV)
Subject: water filters

Dave:
The pastors are telling me that they were told by staffers working with Dennis Muchmore that the state's role in securing the filters could not be revealed.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

Subject:	RDS/DM/BM/NL/DW/Maggie Pallone/Karen Tommasulo/Col. Etue & Lt. Col. Sands/HH/DMurray/TSaxton - Meeting Re: Flint Water
Location:	Governor's Conference Room, Romney
Start:	Tue 9/29/2015 12:00 PM
End:	Tue 9/29/2015 12:30 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	GovCalendar
Required Attendees:	Mcbride, Bill (GOV); Wisniewski, Wendy (GOV); Muchmore, Dennis (GOV); Lyon, Nick (DCH); Grijalva, Nancy (DCH); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Etue, Kriste (MSP); Klotz, Josephine (MSP); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Hansen, Rachel (GOV); Murray, David (GOV); Adamczyk, Lynne (GOV); Sands, Thomas (MSP)
Optional Attendees:	Clement, Elizabeth (GOV); Agen, Jarrod (GOV)

PPI

HH by Phone

PPI

From: Livengood, Chad <CLivengood@detroitnews.com>
Sent: Tuesday, September 29, 2015 3:04 PM
To: Murray, David (GOV)
Subject: Flint water filters

Dave,
I'm following up on an MLive report about the governor playing a role in helping get 1,500 water filters to pastors in Flint through an anonymous donor. What can you tell me about this and the governor's involvement?

-Chad

Chad Livengood
Capitol Reporter
The Detroit News
Lansing bureau: (517) 371-3660
Cell: PPI
clivengood@detroitnews.com
Twitter.com/ChadLivengood

From: Livengood, Chad <CLivengood@detroitnews.com>
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To: Murray, David (GOV)
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Chad Livengood
Capitol Reporter
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Lansing bureau: (517) 371-3660
Cell: PPI
clivengood@detroitnews.com
Twitter.com/ChadLivengood

From: Kennedy, Jordan (GOV)
Sent: Tuesday, September 29, 2015 3:20 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: PHONE MESSAGE: Nina Sika, WNEM TV

***NOTE: She wants to do an in-person interview TODAY

Name: Nina Sika
Outlet: WNEM TV
Cell PPI
Email: wnem@wnem.com
Question: Flint water plan from Gov.
Deadline: 11PM News (in person interview TODAY)

Message

From: Ronald Fonger [RFONGER1@mlive.com]
Sent: 9/29/2015 3:20:56 PM
To: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MurrayD1]
Subject: RE: Pastors

We can debate the headline all day. I think it' s fair and true to the story.

Thanks for following up.

Ron Fonger

MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, September 29, 2015 2:55 PM
To: Ronald Fonger
Subject: Pastors

I just spoke to people here.

Perhaps the pastors misunderstood. We asked them not to reveal the name of the donor, and said that we weren't interested in taking credit.

I apologize for yelling before. I stand by the point about the word choice, but I shouldn't have raised my voice.

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Tuesday, September 29, 2015 4:17 PM
To: Murray, David (GOV)
Subject: Just trying to confirm Mlive story

Dave,

Can you confirm the mlive story saying the governor played a role in helping flint pastors obtain water filters?

Also, are we close to a decision on the state's role in fixing flint's water system?

Steve Carmody
Michigan Radio

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, September 29, 2015 4:21 PM
To: Murray, David (GOV)
Subject: flint water

Hi Dave, since you were the source on this, can you please confirm what Mlive reports about governor's role in getting the water filters to Flint, and could you please give me a quote about that I can add to my story?
Thanks, Paul

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, September 29, 2015 4:26 PM
To: Murray, David (GOV)
Subject: FW: flint water

Dave I meant to add a link to the story. Sorry and thanks, Paul

http://www.mlive.com/news/flint/index.ssf/2015/09/state_assured_flint_water_was.html#incart_2box

---

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Sent: Tuesday, September 29, 2015 4:21 PM
To: 'Murray, David (GOV)'
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Thanks, Paul

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, September 29, 2015 4:28 PM
To: Murray, David (GOV)
Subject: RE: flint water

Thanks Dave.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, September 29, 2015 4:27 PM
To: Egan, Paul
Subject: RE: flint water

Paul, between you and me, we have concerns about the MLive story. I'm happy to give you the information first hand.

The administration has worked closely with the Concerned Pastors group on the water issue, and the members are passionate about supporting their parishioners and the Flint community as a whole. We certainly share their concern that everyone in Flint should have safe, clean water. Flint water does meet state and federal safety standards. People have complained about the color and the odor, and faucet filters will help with those challenges as well as improving water quality overall.

About two months ago, the governor's office worked with a corporate donor to provide 1,500 of the faucet filters. We're appreciative of the efforts of the donor, which didn't want recognition. We respect those wishes. We are talking with other businesses and groups that might be able to expand the effort.

We worked with the pastors group to distribute the filters, and asked that members respect the donor's wishes not to be identified. We told the group that were not looking for credit, and appreciated the pastors' efforts in working with the community.

The governor continues to work with state, federal and city staff members and agencies on a variety of steps to build upon what we've already done to help Flint city leaders with their water infrastructure challenges.

Dave

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, September 29, 2015 4:21 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: flint water

Hi Dave, since you were the source on this, can you please confirm what Mlive reports about governor's role in getting the water filters to Flint, and could you please give me a quote about that I can add to my story?

Thanks, Paul

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, September 29, 2015 4:35 PM
To: Murray, David (GOV)
Subject: RE: flint water

Understood. Thanks Dave.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, September 29, 2015 4:30 PM
To: Egan, Paul
Subject: RE: flint water

My pleasure. Want to stress that that happened two months ago. Nothing was done "hush-hush." We just don't need to take credit for things.

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, September 29, 2015 4:28 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: flint water

Thanks Dave.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, September 29, 2015 4:27 PM
To: Egan, Paul
Subject: RE: flint water

Paul, between you and me, we have concerns about the MLive story. I'm happy to give you the information first hand.

The administration has worked closely with the Concerned Pastors group on the water issue, and the members are passionate about supporting their parishioners and the Flint community as a whole. We certainly share their concern that everyone in Flint should have safe, clean water. Flint water does meet state and federal safety standards. People have complained about the color and the odor, and faucet filters will help with those challenges as well as improving water quality overall.

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To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: flint water

Hi Dave, since you were the source on this, can you please confirm what Mlive reports about governor's role in getting the water filters to Flint, and could you please give me a quote about that I can add to my story?
Thanks, Paul

From: Brown, Jessica (GOV)
Sent: Tuesday, September 29, 2015 4:49 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: CMEAA Scrum Transcript
Attachments: 150929.CMEAASCRUM.docx

Attached if needed. Covers Not Responsive and has one Q on Flint water.

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: PPI
BrownJ53@michigan.gov

CMEAA SCRUM
September 29, 2015

Not Responsive

Reporter: There seems to be a difference in the interpretation of some of the data. Do you believe that the water in Flint is contributing to higher lead levels in the children there?

Gov: Well we are doing a lot of work on that. Actually I have a large team of people working on the Flint water issue as we speak. What I would say is, during the course of the week and earlier next week, hopefully we will be coming out with more public action steps that have been ongoing and will be discussing more steps to take in the future. I take it as a serious issue about the Flint water issue. Leads a serious issue, so again we're spending a lot of time and effort looking at that and hoping to partner with the people in Flint on that issue.

Not Responsive

From: Wurfel, Sara (GOV)
Sent: Tuesday, September 29, 2015 6:29 PM
To: Murray, David (GOV)
Subject: FW: PRESS INQUIRY | The Guardian re: Flint

From: Ryan Felton [mailto:ryanfelton13@gmail.com]
Sent: Tuesday, September 29, 2015 3:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: PRESS INQUIRY | The Guardian re: Flint

Hi all,

I wanted to see if the governor's office would have any response to the call from Senate minority leader Jim Ananich to have Flint reconnect with Detroit's water system. It's for a story I'm working on for the Guardian, regarding the increase in lead levels in the blood of Flint children ever since the city switched to using the Flint River.

Additionally, can you confirm whether or not the governor's office backed plans from Flint's emergency manager to transfer from using DWSD to the Flint River?

I'm working on a 5 pm deadline for tomorrow (9/30). I appreciate your time and look forward to the response.

Best,

Ryan Felton
Journalist
Detroit, MI
734.353.2221
ryanfelton.tumblr.com
Twitter: @ryanfelton13

From: Livengood, Chad <CLivengood@detroitnews.com>
Sent: Tuesday, September 29, 2015 6:49 PM
To: Murray, David (GOV)
Subject: RE: Flint water filters

Dave,
One quick follow-up question. Did this corporate donor come to the governor or did the governor or your office solicit this donation?

Chad Livengood
Capitol Reporter
The Detroit News
Lansing bureau: (517) 371-3660
Cell: PPI
clivengood@detroitnews.com
Twitter.com/ChadLivengood

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, September 29, 2015 4:05 PM
To: Livengood, Chad <CLivengood@detroitnews.com>
Subject: RE: Flint water filters

Hi Chad,

I have some concerns with the way the MLive story presented the story.

The administration has worked closely with the Concerned Pastors group on the water issue, and the members are passionate about supporting their parishioners and the Flint community as a whole. Flint water does meet state and federal safety standards. People have complained about the color and the odor, and faucet filters will help with those challenges as well as improving water quality overall.

About two months ago, the governor's office worked with a corporate donor to provide 1,500 of the faucet filters. We're appreciative of the efforts of the donor, which didn't want recognition. We respect those wishes. We are talking with other businesses and groups that might be able to expand the effort.

We worked with the pastors group to distribute the filters, and asked that members respect the donor's wishes not to be identified. We told the group that we're not looking for credit, and appreciated the pastors' efforts in working with the community on this effort.

The governor continues to work with state, federal and city people and agencies to build on the steps we've already taken to help Flint with its water infrastructure challenges.

Dave

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 8:34 AM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV)
Subject: FW: Flint water

Please see below. Not sure what status of our outreach and plans on water filters is? Perhaps we were involved in this GM effort indirectly or directly already. That said, there may be value in combining or coordinating.

Let's talk, please. Want to make sure we're all on same page internally first.

Thanks!
SW

-----Original Message-----
From: Brian O'Connell [mailto:brian.oconnell@gm.com]
Sent: Wednesday, September 30, 2015 8:00 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Flint water

Sara,
We understand the Governor is going to make an announcement today about Flint water. Can you tell me anything? We are in the process of making a large donation to the community in support of water filters. We do not want to get cross with anyone. I will keep information confidential.

Sent from my iPhone

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

Confidentiality Note: This message is intended only for the person or entity to which it is addressed. It may contain confidential and/or privileged material. Any review, transmission, dissemination or other use, or taking of any action in reliance upon this message by persons or entities other than the intended recipient is prohibited and may be unlawful. If you received this message in error, please contact the sender and delete it from your computer.

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Wednesday, September 30, 2015 9:28 AM
To: Murray, David (GOV)
Subject: Just working on my schedule today

Dave,

not to pin you down to anything....but is there a chance of something happening today involving Flint water?

Steve Carmody
Michigan Radio

From: Ryan Felton <ryanfelton13@gmail.com>
Sent: Wednesday, September 30, 2015 2:11 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Re: PRESS INQUIRY | The Guardian re: Flint

Hi all,

Following up to see if I can expect a response later this afternoon.

Thanks much!

On Tue, Sep 29, 2015 at 3:37 PM, Ryan Felton <ryanfelton13@gmail.com> wrote:
Hi all,

I wanted to see if the governor's office would have any response to the call from Senate minority leader Jim Ananich to have Flint reconnect with Detroit's water system. It's for a story I'm working on for the Guardian, regarding the increase in lead levels in the blood of Flint children ever since the city switched to using the Flint River.

Additionally, can you confirm whether or not the governor's office backed plans from Flint's emergency manager to transfer from using DWSD to the Flint River?

I'm working on a 5 pm deadline for tomorrow (9/30). I appreciate your time and look forward to the response.

Best,

Ryan Felton
Journalist
Detroit, MI
734.353.2221
ryanfelton.tumblr.com
Twitter: @ryanfelton13

--
Ryan Felton
Journalist
Detroit, MI
734.353.2221
ryanfelton.tumblr.com
Twitter: @ryanfelton13

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, September 30, 2015 2:21 PM
To: Murray, David (GOV)
Subject: governor's statement

Dave:
Jonathan Oosting sent us this comment made by the governor today about the Flint water situation in response to questions. We're working on a story based on his remarks.

What will you do? Was it a mistake to switch to Flint river? What I would say is, we've been actively working that issue for a significant period of time, and we've put a lot of additional resources in more recent days towards the issue. In terms of a mistake, we found there are probably things that weren't as fully understood when that switch was made, and again, it was a switch made with the community. So we're going through that process of saying it appears that lead levels could be higher or could be increased, what could be done to deal with that in an effective fashion. Again, we're looking at making sure they're within safe limits according to the federal government, and I would expect us to have more to talk about this subject before the end of the week, in terms of more tangible action items, not just what we're doing, but who we're partnering with flint and the federal government."

I want to make sure I understand what's being said in the highlighted portion of the comment.
I think it's that some things were not fully understood when the switch to the Flint River was made.
Of course, I'd also like to elaborate, but I'll work with what I have.
Can you clarify or elaborate?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, September 30, 2015 3:45 PM
To: Murray, David (GOV)
Subject: one more question

Dave:
The governor today addressed his reason for facilitating the water filter distribution in Flint a month ago so I wanted to make sure that you have the opportunity to address the comments made to us by Flint pastors yesterday if you want to. The pastors said the filters came to them with the condition that the pastors not reveal the anonymous donor or the involvement of the state.
Thanks again.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, September 30, 2015 3:52 PM
To: Murray, David (GOV)
Subject: RE: one more question

Ok thanks

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, September 30, 2015 3:51 PM
To: Ronald Fonger
Subject: Re: one more question

There might be some confusion. We asked the pastors to respect the wishes of the donor. We told the group that we were not necessarily looking for credit.

We have been speaking with the pastors' group throughout the year. Members know about the needs of the community. We respect their leadership and appreciate their assistance with this effort.

Sent from my iPhone

On Sep 30, 2015, at 3:45 PM, Ronald Fonger <RFONGER1@mlive.com<mailto:RFONGER1@mlive.com>> wrote:

Dave:
The governor today addressed his reason for facilitating the water filter distribution in Flint a month ago so I wanted to make sure that you have the opportunity to address the comments made to us by Flint pastors yesterday if you want to. The pastors said the filters came to them with the condition that the pastors not reveal the anonymous donor or the involvement of the state.
Thanks again.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
address 540 S. Saginaw St. #101, Flint MI 48502

From: Kennedy, Jordan (GOV)
Sent: Wednesday, September 30, 2015 4:03 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: PHONE MESSAGE: Geralyn Lasher, DHHS

Importance: High

NAME: Geralyn Lasher
OUTLET: DHHS
PHONE: Ext. 12112
EMAIL: lasherg@michigan.gov
QUESTION: Flint water
DEADLINE: ASAP

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, September 30, 2015 4:32 PM
To: Murray, David (GOV)
Subject: Re: one more question

To the pastors you mean? The giveaway in flint was sept.1. I've been saying they were delivered to the pastors last month (August).
Were they delivered here before then?

Sent from my iPhone

> On Sep 30, 2015, at 4:15 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Filters were distributed two months ago.
>
> Sent from my iPhone
>
>> On Sep 30, 2015, at 3:51 PM, Ronald Fonger <RFONGER1@mlive.com> wrote:
>>
>> Ok thanks
>>
>> -----Original Message-----
>> From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
>> Sent: Wednesday, September 30, 2015 3:51 PM
>> To: Ronald Fonger
>> Subject: Re: one more question
>>
>> There might be some confusion. We asked the pastors to respect the wishes of the donor. We told the group that we were not necessarily looking for credit.
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>> We have been speaking with the pastors' group throughout the year. Members know about the needs of the community. We respect their leadership and appreciate their assistance with this effort.
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>> The pastors said the filters came to them with the condition that the pastors not reveal the anonymous donor or the involvement of the state.
>> Thanks again.
>>
>>
>> Ron Fonger
>> MLive Media Group

>> Reporter
>>
>> mobile PPI
>> email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
>> address 540 S. Saginaw St. #101, Flint MI 48502
>>
>>

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, September 30, 2015 4:58 PM
To: Murray, David (GOV)
Subject: Re: one more question

Does that mean the filters were delivered in July ? Or did some arrive in July and some later?
Thanks

Sent from my iPhone

> On Sep 30, 2015, at 4:40 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> The process started about 2 months ago.
>
> Sent from my iPhone
>
>> On Sep 30, 2015, at 4:31 PM, Ronald Fonger <RFONGER1@mlive.com> wrote:
>>
>> To the pastors you mean? The giveaway in flint was sept.1. I've been saying they were delivered to the pastors last month (August).
>> Were they delivered here before then?
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>> Sent from my iPhone
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>>> Sent from my iPhone
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>>>> Ok thanks
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>>>> -----Original Message-----
>>>> From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
>>>> Sent: Wednesday, September 30, 2015 3:51 PM
>>>> To: Ronald Fonger
>>>> Subject: Re: one more question
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>>>> Reporter
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>>>> mobile PPI
>>>> email rfonger1@mlive.com<mailto:rfonger1@mlive.com>
>>>> address 540 S. Saginaw St. #101, Flint MI 48502
>>>>
>>>>

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 6:26 PM
To: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury)
Cc: Murray, David (GOV)
Subject: FW: Grant

Importance: High

Who can answer this STAT?

From: Kaffer, Nancy [mailto:nkaffer@freepress.com]
Sent: Wednesday, September 30, 2015 6:17 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: Grant

I'm a little confused about this press release … it sounds like the majority of that grant is to replace an incinerator, and $900k is create a map of leaks in pipes so that the city can prioritize repair, and provide a pipe thickness assessment that will contribute to the city's water main replacement program … was any of this directly prompted by the existence of lead and copper pipes, and the impact to those pipes of the more-corrosive Flint River water?

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, September 30, 2015 6:04 PM
To: Kaffer, Nancy <nkaffer@freepress.com>
Subject: Grant
Importance: High

Here's one example of the funding that has been allocated:

http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-346722--,00.html

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 6:27 PM
To: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury)
Cc: Murray, David (GOV)
Subject: RE: Grant

Importance: High

And where does this other $2.2 M that's talked about in grants come from??

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 6:26 PM
To: Brad Wurfel - DEQ (WurfelB@michigan.gov) <WurfelB@michigan.gov>; Terry Stanton - Treasury <StantonT@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Grant
Importance: High

Who can answer this STAT?

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Importance: High

Here's one example of the funding that has been allocated:

http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-346722--,00.html

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, September 30, 2015 6:49 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Murray, David (GOV)
Subject: RE: Grant

I don't recall either grant being related to "the existence of lead and copper pipes, and the impact…of Flint River water" (Nancy's words) as neither had surfaced as an issue that I am aware of. Brad?

The grants…which the City submitted applications for (which I do not have access to tonight)…were to be used for exactly what was described in the Gov's release:

$1.1 million for water system enhancement through improved waste management and $900k for system enhancement through leak detection and pipe assessments.

The other $2.24 million you are asking about came from the state-approved (Treasury & DEQ) restructuring of Flint's Drinking Water Revolving Fund loans. The restructuring saved the city the $2.24m…with $1.5m used to pay for the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant.

Below is a section from the Flint Water TPs distributed in late January-early February 2015.

The City has received significant financial assistance through both grant programs and bond restructuring initiatives administered by the MI Department of Treasury. This financial assistance has allowed the City to replace miles of aged pipeline and begin efforts to install a specialized filter at the Water Treatment Plant.

In February, Flint was awarded a total of $2 million through two Financially Distressed Cities, Villages, and Townships Grants. $1.1 million was awarded for water system enhancements through improved waste management while $900,000 was awarded for water system enhancements through leak detection and pipe assessments.

On April 8th, the City announced that it was moving forward with a series of actions to ensure the continued safety of Flint drinking water and address issues of discoloration and odor. The most significant step will be the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant. The GAC filter will help block or eliminate the formation of TTHM during the filtration process.

A contract for the filter installation was approved by the State Treasurer with the project targeted for completion by mid-July. The $1.5 million project will be funded with proceeds from the state-approved restructuring of Flint's Drinking Water Revolving Fund loans ($2.24 million).

The City is undertaking a number of other improvements to the water system including the acceleration of valve replacements, targeted hydrant flushing, the replacement of two miles of water main in a critical area of the city, and acceleration of the project to automate plant operations.

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 6:26 PM
To: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Grant
Importance: High

Who can answer this STAT?

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From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, September 30, 2015 6:04 PM
To: Kaffer, Nancy <nkaffer@freepress.com>
Subject: Grant
Importance: High

Here's one example of the funding that has been allocated:

http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-346722--,00.html

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 9:03 AM
To: Murray, David (GOV)
Subject: FW: Mlive guest column 092015
Attachments: Mlive guest column 092015.docx

Importance: High

From: Wurfel, Brad (DEQ)
Sent: Thursday, October 01, 2015 3:40 AM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Mlive guest column 092015

First cut at Mlive guest column. Same drill as last email, please review and advise before we share it around to the broader group.
Thanks.
b

Leaders address ‘crisis of confidence’ with Flint water

Residents of Flint have been hearing concerning news about the municipal water supply for more than a year. Since the City switched water supplies and began using the Flint River as its source, some have complained that the water is different. State regulators have cited the system for various compliance issues.

More recently, voices within the community – and some from other states – have alleged state regulators failed to do their jobs. It simply is not the case. Leaders from the regulatory community today announced an 11-point plan to build our knowledge about lead in flint, better protect the community and restore public confidence in the regulatory framework.

Over the past year, the city has completed lead and copper testing required by law. Lead is a real concern, particularly in children. State and federal regulators run programs to monitor lead in drinking water and in kids’ blood levels specifically to track lead impacts on our communities.

It is important to remember lead comes from many sources, particularly in the state’s urban and industrial areas. It is in soils, deposited for decades by leaded fuel and industrial processes. It is paint, in homes built in the mid-1970s or earlier. And it is common in the plumbing and service connections of older homes, which is why the DEQ requires community water sources around the state to track and record it and take steps when levels surpass federal action thresholds.

Flint’s drinking water passed its lead and copper test. However, testing done by non-regulatory entities produced a different picture, creating confusion and concern – for residents of flint as well as city, state and federal regulators.

The lead in question does not coming from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead. The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: One, because the contamination happens at the homeowner level, it is very difficult to track precisely. And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

The City’s efforts to test for lead involve sending water sampling kits to homeowners and relying on them to participate and follow the sampling instructions, and that has been a long-standing challenge in Flint. This year, the City sent out 200 bottles in January and got 60 samples back by June. Regulators must operate on the knowledge available, and we only know what the customers let us know by participating in the City’s testing.

However, a recent announcement by local doctors that blood lead levels are rising in children residing in Flint's most at-risk zip codes added enough to the state's knowledge to spark some unusual precautionary measures. Experts are still working the data to determine exactly what it means, but the state takes lead seriously. Leaders have put forth an 11-point plan with short-term and long-term actions that will bolster our knowledge of the situation and provide a more accurate assessment of the threat level.

In the near term, the state will move immediately to provide free lead water filters for Flint water customers. We will test the drinking water at Flint schools. We will provide bottled water and formula to Flint mothers at risk. The system will be optimized for corrosion controls by the end of the month. These precautions will help protect the community while the state takes a deeper look at the drinking water system, the last round of test results and the testing protocols.

Flint residents should understand the state has been focused on Flint's water and Flint's kids for decades, but state leaders cannot make knee-jerk decisions based on unchecked allegations in the media. We have the responsibility to check facts and make decisions carefully, using the knowledge we have available to direct public resources.

Community participation plays a key role in our success. Residents who receive a testing kit from the City should recognize that this is an important opportunity to learn about their lead exposure while helping the city better track the quality of the water they provide. Residents with lead concerns should request a free home test from the city. Parents of young kids should take advantage of free blood lead level testing at the local community health department.

The plan set forth by the state speaks to a coordinated partnership among city, state and federal leaders. With community involvement, Flint's residents can be assured of more accurate and effective protection from lead exposure.

Learn more at Michigan.gov/FlintDrinkingWater

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 9:03 AM
To: Murray, David (GOV)
Subject: FW: DRAFT Freep Editorial
Attachments: DRAFT freep editorial short 092015.docx

Importance: High

From: Wurfel, Brad (DEQ)
Sent: Thursday, October 01, 2015 2:15 AM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: DRAFT Freep Editorial

First cut at the Free Press rebuttal editorial. Please review and advise.
Phone conversations preferable.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

A new way forward in Flint

State regulatory leaders were disappointed by recent Free Press editorials mischaracterizing Lansing's oversight of the City of Flint's drinking water system. The paper's portrayal of the state as uncaring about drinking water quality and the community's exposure to lead are simply off the mark.

State and federal regulators run programs to monitor lead in drinking water and in kids' blood levels specifically to track lead impacts on our communities. Lead is a real concern, particularly in children, and we take our responsibility seriously.

But it is important to remember that lead is all around us. It is in soils, deposited for decades by leaded fuel and industrial processes. It is paint, in homes built in the mid-1970s or earlier. And it is unfortunately common in the plumbing and service connections of older homes, which is why the DEQ requires community water sources around the state to track and record it and take steps when levels surpass federal action thresholds.

Let's be clear: The Flint River is not contributing lead. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead. The lead issues are the result of water in homes that have lead service lines or lead plumbing. And because the contamination factor is at the homeowner level, it is difficult to track or assess with the kind of specificity customers would like to think regulators have. Two homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

Moreover, the City's efforts to test for lead involve sending water sampling kits to homeowners and relying on them to participate and follow the sampling instructions, and that has been a long-standing challenge in Flint. This year, the City sent out 200 bottles in January and got 60 samples back by June. We must operate on the best knowledge we have available, and we only know what the customers let us know by participating in the City's testing.

Emerging data from local doctors, however, added to our knowledge enough to spark some unusual precautionary actions. They reported to the media that blood lead levels in Flint kids at their offices are up this year. It's still early to know exactly what that means, but because lead is a serious threat to children's development, we have decided to take some short-term precautionary measures and do more to learn exactly what is happening in the city.

The state today joined with local and federal authorities to present an 11-step action plan designed to produce a clearer picture of lead in the community's water, offer immediate protection for its kids and families with corrosion control and free lead water

filters, review and audit testing protocols, and immediately assess the schools to reassure parents their kids are not exposed to lead at the drinking fountains.

Critics in the community and at the Free Press have said we have been slow to respond to Flint's drinking water concerns. The truth is that local, state and federal authorities have been paying very close attention to Flint's drinking water all along, but we have the responsibility to check facts and use the knowledge we have to develop responsible, meaningful strategies that will help everyone clearly understand the real risk level and take appropriate actions.

We will be transparent with all we are doing and everything we determine. But Flint residents should also recognize our ultimate success depends on their help. Residents with lead concerns should have their home water tested – customers of Flint water can request it for free. Parents of younger kids should have their children get free blood lead level testing at the local community health department. Residents who receive a testing kit from the City should recognize that this is an important opportunity to learn about their lead exposure while helping the city better track the quality of the water they provide.

We are committed to doing all we can to protect drinking water and public health, in Flint and the rest of Michigan. Possibly the most difficult crisis to address in Flint right now is a crisis of public confidence. The plan set forth today should send the strong signal that residents can be assured the city, state and federal regulators are accountable, forthright and working hard to protect them. It is the community's responsibility to take the steps available to them as well. Ensuring public health is a public service, but the public can play a key role.

Learn more at Michigan.gov/FlintDrinkingWater

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Thursday, October 01, 2015 10:23 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint Water

Thank you for your help today- appreciate your hospitality.

Wanted to ask if a press conference is scheduled for tomorrow in any shape or manner dealing with Flint Water and the Future.

Thanks,
Damon

Damon Maloney
abc12 News
Sent from my iPhone

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 11:26 AM
To: 'Maloney, Damon'; Murray, David (GOV)
Subject: RE: Flint Water

We're always glad to help, Damon - that's what we're here for. Please just reach out in advance in the future.

Stay tuned - as governor and team have noted, our administration has dedicated a lot of time and resources to work collaboratively on this issue as well as see what additional action items we can do and help with. We were hoping to have that wrapped up by week's end. As details get finalized, I know folks will be in touch.

More soon,
SW

-----Original Message-----
From: Maloney, Damon [mailto:damon.maloney@abc12.com]
Sent: Thursday, October 01, 2015 10:23 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint Water

Thank you for your help today- appreciate your hospitality.

Wanted to ask if a press conference is scheduled for tomorrow in any shape or manner dealing with Flint Water and the Future.

Thanks,
Damon

Damon Maloney
abc12 News
Sent from my iPhone

Subject:	Comms. Update Mtg. re: Flint Water Plan
Location:	Great Lakes Conference Room, 6th floor, South Tower, Constitution Hall
Start:	Thu 10/1/2015 12:30 PM
End:	Thu 10/1/2015 1:15 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	Kennedy, Jordan (GOV)
Required Attendees:	Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Feuerstein, Heather (DEQ); Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV); Paciorek, Josh (GOV)
Optional Attendees:	Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ)

Pizza will be provided.

From: Stanton, Terry A. (Treasury)
Sent: Thursday, October 01, 2015 3:43 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Murray, David (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Robert, Carla M. (Treasury); Feuerstein, Heather (DEQ)
Subject: FW: Statement from Rep. Phelps on his denied FOIA requests pertaining to the City of Flint water crisis
Attachments: phelpsdnl092915.pdf; phelpsext091515.pdf

Importance: High

All-

Just received this from Dave Eggert…

I am going to tell David that **Treasury did send a timely response to the Representative.** It was due (following a statutory extension) on Tuesday, September 29, 2015. Our response (attachment 1) went in the mail on Tuesday. As you will see, it was a "denial," as Treasury does not have any records regarding "waivers, permits or applications to use the Flint River…"

Apparently, the response has not arrived in his (Flushing, MI) mailbox…or is arriving today.

I have also attached the extension letter (attachment 2), which was timely-mailed as well.

Let me know if you have any questions…

From: Eggert, David [mailto:DEggert@ap.org]
Sent: Thursday, October 01, 2015 2:47 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: Fwd: Statement from Rep. Phelps on his denied FOIA requests pertaining to the City of Flint water crisis

Can you respond?

Sent from my iPhone

Begin forwarded message:

> **From:** Rosemary Jones <RJones@house.mi.gov>
> **Date:** October 1, 2015 at 2:42:16 PM EDT
> **To:** Rosemary Jones <RJones@house.mi.gov>
> **Subject: Statement from Rep. Phelps on his denied FOIA requests pertaining to the City of Flint water crisis**
>
> **FOR IMMEDIATE RELEASE:** **Contact: Rep. Phil Phelps**
> **Thursday, Oct. 1, 2015** **Phone: (517) 373-7515**

Statement from state Rep. Phil Phelps (D-Flushing) on his FOIA requests pertaining to the City of Flint water crisis being denied:

"Residents of the City of Flint face a substantial health risk due to contaminants found in their drinking water. In an effort to not politicize this situation, I have been working directly with state and local officials in seeking important information and attempting to correct the City's water crisis. Unfortunately, I have been faced with continual road blocks in my requests for information. It has been nearly a month since I submitted Freedom of Information Act (FOIA) requests to the State and the City of Flint requesting to see documents related to the City's switch to using water from the Flint River. I requested the applications and permits required by law to change a city's source of water. So far, the State Treasury has violated FOIA by not providing any information or even a denial. The Department of Environmental Quality (DEQ) and City of Flint have denied my request saying that the documents I requested do not exist. However, state law requires Michigan cities to apply for a permit from the DEQ to switch their source of water. Violation of this law is punishable by a fine of $5,000 per day and possible incarceration. I find it hard to believe that the DEQ and the City of Flint ignored such a critical step, not to mention one that the cost in fines alone would already be roughly $2.5 million and cause those responsible to be subject to criminal prosecution.

"My request for these documents was meant to be a fact-finding mission to ascertain the degree to which the State knew about or took any action to determine the potential hazards of making this switch prior to being officially ordered by the State-appointed Emergency Manager. Since the State has decided not to disclose this information to me, it is unclear the extent to which the State is culpable. I believe the bottom line here is that the decision to switch the source of Flint's water to the Flint River was made by the Emergency Manager appointed by Governor Snyder and the burden is on his shoulders to make this right.

"The use of the river water has caused a great amount of destruction to the City's water infrastructure, and it has put the residents who use the water in harm's way. To help continue this fight for information, I have retained attorney Keith D. Flynn of the law firm Miller Cohen P.L.C. to further evaluate my legal options. My position and recommendation to the Governor on this issue is that the State should immediately switch Flint's water source back to the Detroit Water System at no additional cost to Flint residents and supply water filters to every household in Flint.

"Furthermore, the State should begin to estimate costs for the total damage done to the City's public works infrastructure and for the treatment of potential adverse health outcomes we could see in Flint residents in the future and allocate expenditures to correct this problem."

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

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[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:15 PM
To: Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: media advisory
Attachments: 151001. Media advisory.docx

Importance: High

Here's the media advisory we're ready to ship out. We're planning to send to our entire list. Would you like to send to your lists as well?

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Oct. 1, 2015

Michigan leaders to announce action plan for Flint drinking water

Friday, Oct. 2 at 1:30 p.m.
Local, state and federal leaders will host a press conference to announce a comprehensive action plan for addressing drinking water concerns in Flint. Participants will include:

- Harvey Hollins, Director of the Office of Urban Initiatives for Gov. Rick Snyder
- Dan Wyant, Director for the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Chief Medical Executive for the Michigan Department of Health and Human Services
- Dayne Walling, Mayor of Flint
- Other local, state and federal officials

Location:
Kettering University, Innovation Center
1300 Bluff St.
Flint, MI 48504

This is a media event open to credentialed news media only. Media who plan to attend this event should RSVP by noon Friday. Contact Rosemarie Olszewski at 517-284-6700 or olszewskir@michigan.gov.

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:28 PM
To: Pallone, Maggie (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hertel, Elizabeth (DHHS); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Thelen, Mary Beth (DEQ); Wyant, Dan (DEQ); Paciorek, Josh (GOV); Lasher, Geralyn (DHHS)
Subject: talking points
Attachments: 151001. Talking points.docx

Here's the talking points we've been working from. Feel free to add DHHS' info.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Flint Drinking Water Action Plan
Talking Points

Overall Messaging

- Repeated testing shows the water leaving Flint's drinking water system is safe to drink and meets all federal guidelines, including lead.
- After the switch the Flint River, the compliance testing protocol yielded results of 6 ppb in December 2014 and 11 ppb in June 2015. Both results were below the federal action level of 15 ppb.
- However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead plumbing in the home, and that's a concern.
- Out of an abundance of caution, we want to address the needs of all Flint families, and so we have developed an action plan that includes both short- and long-term solutions.
- The state plan focuses on increasing water testing, offering additional precautions for families, and providing long-term solutions to address the city's water infrastructure.

Messaging regarding the action plan

The city and the state are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents.

- **Immediately test Flint public schools to ensure that drinking water is safe. Testing will also be available at no cost to any other school in Flint.**
    - Although Flint's drinking water meets all federal requirements, the state wants to take extra steps to ensure that drinking water is safe for the city's children.
    - The state will fund this testing (about $30,000) at no cost to the city or the local schools, and make the results publicly available.

- **Expand health exposure testing of individual residences.**
    - To double-check its data as well as provide residents with an additional layer of assurance, the DEQ will conduct more tests at Flint properties.
    - The Technical Advisory Committee will determine the scope of this expanded testing.

- **Offer water testing at no cost to Flint residents to assure water is safe.**
    - Although all testing indicates water in the city of Flint meets all federal standards, we understand some residents are concerned.
    - To ensure water in individual homes is safe, free water testing is available to all Flint residents.
    - We encourage anyone with a concern to get their water tested.
    - Contact the city water department to have your water tested.

- **Begin optimizing corrosion controls in the Flint drinking water system.**

- A fully optimized corrosion control system can help coat the inside of pipes to minimize the amount of lead that enters the drinking water after it leaves the treatment plant.
- This is a helpful step that can help minimize lead system-wide, and we're pleased the city is moving to take this step.
- If asked: This was not initially required because a fully optimized corrosion control system is not federally required in many water systems. Even today, since Flint is meeting all federal standards, this fully optimized system is not required. However, to address public concerns and ensure every possible precaution is taken, the city is moving forward with installing this corrosion control system.

- **Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.**
  - The Safe Drinking Water Technical Advisory Committee will meet Oct. 7 to discuss fully optimizing the corrosion control system, expanding testing of at-risk properties, and other topics.
  - Tom Burke, the Deputy Assistant Administrator of EPA's Office of Research and Development as well as the EPA's Science Advisor, will participate on the committee. Prior to joining EPA, he held prominent positions at the Johns Hopkins Bloomberg School of Public Health and founded the Johns Hopkins Risk Sciences and Public Policy Institute. He brings substantial expertise, and we're pleased he is able join the committee.

- **Accelerate water system improvements to address replacement of lead service lines.**
  - Regardless of the drinking water source – whether it be DWSD, the Flint River or Lake Huron – the only permanent fix for lead is to replace all 18,000 of the private lead service lines in the city. These are the lines on private property that lead from the curb to individual homes.
  - This is a problem in communities statewide, and one we want to address with a long-term solution.
  - The state and EPA are working together to find a way for the city to access Drinking Water Revolving Loan funds for the work.

- **Expedite completion of Karegnondi Water Authority.**
  - The move to the Flint River was always a temporary measure until the connection to the KWA and to Lake Huron was completed.
  - This is the ultimate goal of the venture, and the state and locals will work together to speed up completion of the connection.

- **Governor Snyder names Dr. Eden Wells as Flint Drinking Water Public Health Advisor.**
  - Dr. Wells is the Director for the Preventive Medicine Residency at the University of Michigan School of Public Health in Ann Arbor as well as the Chief Medical Executive for MDHHS.

- She brings years of experience in epidemiology and preventative medicine to the issue, and we're thrilled to have her expertise.
- Dr. Wells will coordinate with Hurley Medical Center to share data on blood lead levels in children, as well as address other emerging issues.

- **Provide water filters to residents of Flint.**
  - As an additional precaution, water filters will be available to low-income families.
  - This provides another safeguard to ensure everyone in the city of Flint has access to clean drinking water that they feel confident drinking.

- **Expand a comprehensive lead education initiative.**
  - Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.
  - It takes time for lead to accumulate in drinking water from plumbing, and so flushing your pipes prior to using them can minimize your exposure.
    - To flush your pipes, run the water until it's as cold as it will go. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 5 minutes if you have not used any water in hours.
    - In the city of Flint, running the water for 5 minutes only costs about 3-16 cents, depending on your faucet.
  - Additionally, more lead gets into hot water than cold water. Use only cold water for drinking, cooking and making baby formula.

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:34 PM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Lasher, Geralyn (DHHS); Pallone, Maggie (DEQ)
Subject: news release
Attachments: 151001. News release.docx

Here's the news release. Please send me any changes.

We're hoping to get a quote from Nick, as well as contact info on how people can get a water filter.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Oct. 2, 2015

For More Information:
Sara Wurfel or Dave Murray
Brad Wurfel, 517-284-6713, wurfelb@michigan.gov
Angela Minicuci

Michigan leaders announce action plan for Flint drinking water

Local, state and federal leaders today announced a comprehensive action plan for drinking water in Flint, designed to address both the short- and long-term needs of residents.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure.

"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "Although we know the water leaving Flint's drinking water system is safe to drink, some families with lead plumbing on their property experience higher levels of lead in the water that comes out of their faucets. We are concerned for those families, and we created this action plan to address their immediate needs as well as the long-term needs of all Flint residents."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
- Expand health exposure testing of individual residences.
- Offer water testing at no cost to Flint residents to assure water is safe.
- Begin optimizing corrosion controls in the Flint drinking water system.

- Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
- Accelerate water system improvements to address replacement of lead service lines.
- Expedite completion of Karegnondi Water Authority.
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
- Provide water filters to residents of Flint.
- Expand a comprehensive lead education initiative.

Local, state and federal leaders announced the plan at a press conference today at Kettering University's Innovation Center in Flint. Participants included:

- Harvey Hollins, Director of Snyder's Office of Urban Initiatives
- Dan Wyant, Director of the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Flint Drinking Water Public Health Adviser
- Dayne Walling, Mayor of Flint

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

To have your water tested, call 810-787-6537 and press 1, or email flintwater@cityofflint.com. For more information, visit www.michigan.gov/flintwater.

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:42 PM
To: Minicuci, Angela (DHHS); Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS)
Cc: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Pallone, Maggie (DEQ)
Subject: run of show
Attachments: 151001. Press conference script.docx

Here's the run of show as it stands. Did you want to add Nick's comments or change anything else on it? I'm not sure how much he works from prepared remarks.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

On stage
Dan Wyant
Harvey Hollins
Nick Lyon
Dr. Eden Wells
Dayne Walling

Harvey Hollins

- Thank you all for being here today. I'm Harvey Hollins, Director of the Office of Urban Initiatives for Gov. Rick Snyder.
- We're here as representatives of local, state and federal government to talk about ensuring safe drinking water for everyone in Flint. We have with us today:
    - Nick Lyon, Director of the Michigan Department of Health and Human Services
    - Dr. Eden Wells, Chief Medical Executive for the Michigan Department of Health and Human Services
    - Dayne Walling, mayor of Flint
    - And Dan Wyant, director of the Michigan Department of Environmental Quality. Dan?

Dan Wyant

- Thank you, Harvey. And thank you all for being here today.
- We know many residents are concerned about their health and the health of their children. We understand many have lost confidence in the drinking water system, and we need to build that back up. And we recognize we need to do more.
- We have an action plan to announce today that will address both the short- and long-term issues.
- It focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure.
- The plan includes:
    - Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
    - Expand health exposure testing of individual residences.
    - Offer water testing at no cost to Flint residents to assure water is safe.
    - Begin optimizing corrosion controls in the Flint drinking water system.
    - Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
    - Accelerate water system improvements to address replacement of lead service lines.
    - Expedite completion of Karegnondi Water Authority.
- Now, I want to turn the mic over to my colleague Nick Lyon to discuss some of these plans in more detail.

Nick Lyon

- Provide water filters to residents of Flint.
- Expand a comprehensive lead education initiative.
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.

Dr. Eden Wells

Discuss Hurley's data, concern about blood lead levels

Harvey Hollins

Bring up mayor

Dayne Walling

Talk about advisories issued, free water testing available, next meeting of the Citizen Advisory Committee.

Q&A

From: Ruestman, Alexa (GOV)
Sent: Thursday, October 01, 2015 4:47 PM
To: Murray, David (GOV)
Subject: PHONE MESSAGE: Jiquanda Johnson - Flint Journal/MLive

Name: Jiquanda Johnson
Outlet: The Flint Journal
Re: Statement from Gov about press conference/ Public health emergency
Email: jjohns16@mlive.com
Phone: 810-252-5575

Alexa Ruestman
Communications Intern
Executive Office of the Governor
RuestmanA@michigan.gov

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 5:12 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV); Pallone, Maggie (DEQ); Wyant, Dan (DEQ)
Subject: media q&a
Attachments: Media Q&A.docx

Here's the media Q&A as it stands. The first several have written responses, but there's a large list at the end that do not.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Flint Drinking Water
Media Q&A

Is the city going back to DWSD?
That's something we're leaving open. It's certainly an option, but there are no moves at this time to do so. If it becomes something city leadership is interested in doing, the state is willing to act as a facilitator between Flint and DWSD to help come to conclusion that's best for the residents of Flint.

How did the state not see or fix this problem sooner?
Right now, we're focusing on addressing the problem at hand. Every household in the city of Flint is going to receive a water filter. The Flint Water Treatment Plant is going to fully optimize its corrosion controls by Nov. 1. And we're going to accelerate water system improvements to address the replacement of lead service lines.

In the long term, we will work with the U.S. EPA to look at water testing protocol.

Is the water safe?
The water leaving the Flint Water Treatment Plant is safe to drink and meets federal guidelines for lead. However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead plumbing in the home. We will expand water testing to better determine which areas have a problem; however, in the meantime, every home will receive a filter to ensure their drinking water is safe.

Does this mean Marc Edwards was right?
We aren't familiar with his testing protocol and have not seen his data. All we know is the state's data and the data Hurley Medical Center provided indicate a need to take action.

Why didn't you require corrosion controls from day one?
When the city switched water sources, they did begin using lime softening as a corrosion control. DWSD used phosphates, which is another form of corrosion control, but far from the only one. Flint was within federal protocols when it chose to use lime, and this is consistent with what every other community was required to do.

With more data in hand, the city can now work to optimize their corrosion control system, and has pledged to do so by Nov. 1.

How do you feel about the state and federal testing protocols now that you know there was a problem?
We're going to be taking a look at that, because what weren't seeing is concerning. But in the meantime, we're going to…

Why are you requiring optimization now?
What will you do if the schools you are testing come back with lead?
Is the Governor going to give the city the $30 million it asked for? Or the $13 million state Sen. Ananich wants to include in the budget?
Why did the Governor and the state ignore city residents who have been saying there's a problem for six months?
Why did the Governor hide the fact that he was involved in distributing filters previously?
Will you meet with Marc Edwards?
Do you trust the city's data?
Why did the Governor allow the city to switch away from DWSD initially?
Has the city/Governor put residents at risk?
What will the state do about my children? Lead poisoning causes irreversible damage.
Is lead just a problem in Flint?
Why isn't the Governor here today?
Does the Flint River have lead? Is it more corrosive than the water from DWSD?
If the lead is in individual homes' plumbing, how long will it take to fix this problem? Will the move to KWA fix it, or will we still see lead?
Will testing start over when we move to KWA?
Why aren't Kildee and Ananich here?
How much are we paying all these new consultants – Dr. Wells and the EPA expert?
Did the DEQ provide any advice to the emergency manager about the switch from DWSD?
How long has lead been a problem in Flint? If the problem is in people's home, does that mean they have always been poisoned by this?
Why aren't you declaring a state of emergency?
Why aren't you providing bottled water?
How long does it take for the system to be fully optimized once the corrosion control treatment begins?

From: Minicuci, Angela (DHHS)
Sent: Thursday, October 01, 2015 5:19 PM
To: Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS)
Cc: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Pallone, Maggie (DEQ)
Subject: RE: run of show
Attachments: 151001 News release DHHS edits.docx

Our edits are attached. Thank you!

Angela

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:42 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
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Oct. 2, 2015

For More Information:
Sara Wurfel or Dave Murray
Brad Wurfel, 517-284-6713, wurfelb@michigan.gov
~~Angela Minicuci~~Jennifer Eisner, 517-230-9804, eisnerj@michigan.gov

Michigan leaders announce action plan for Flint drinking water

Local, state and federal leaders today announced a comprehensive action plan for drinking water in Flint, designed to address both the short- and long-term needs of residents.

Gov. Rick Snyder, the Michigan Departments of Environmental Quality, and Health and Human Services, the Environmental Protection Agency, and the City of Flint released an~~The~~ action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure.

"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "Although we know the water leaving Flint's drinking water system is safe to drink, some families with lead plumbing on their property experience higher levels of lead in the water that comes out of their faucets. We are concerned for those families, and we created this action plan to address their immediate needs as well as the long-term needs of all Flint residents."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.

- Expand health exposure testing of individual residences.
- Offer water testing at no cost to Flint residents to assure water is safe.
- Begin optimizing corrosion controls in the Flint drinking water system.
- Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
- Accelerate water system improvements to address replacement of lead service lines.
- Expedite completion of Karegnondi Water Authority.
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
- Provide water filters to residents of Flint.
- Expand a comprehensive lead education initiative.

In addition to the action plan, zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, MDHHS data state analysis is consistent with that presented by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," said MDHHS Director Nick Lyon. "As part of this, we are working closely with our public and private partners to provide Flint residents with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

Local, state and federal leaders announced the plan at a press conference today at Kettering University's Innovation Center in Flint. Participants included:

- Harvey Hollins, Director of Snyder's Office of Urban Initiatives
- Dan Wyant, Director of the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Flint Drinking Water Public Health Adviser

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"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

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Subject: RE: run of show
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Please use this version instead. Clarified Nick's quote.

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"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "Although we know the water leaving Flint's drinking water system is safe to drink, some families with lead plumbing on their property experience higher levels of lead in the water that comes out of their faucets. We are concerned for those families, and we created this action plan to address their immediate needs as well as the long-term needs of all Flint residents."

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MDHHS is making National Sanitation Foundation (NSF) certified water filters available to clients who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC) or Social Security Insurance (SSI) recipients.

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- Nick Lyon, Director for the Michigan Department of Health and Human Services
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"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

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Sent: Thursday, October 01, 2015 5:25 PM
To: Agen, Jarrod (GOV); Emmitt, Beth (GOV); Bedan, Morgan (GOV); Dickinson, Sarah (GOV)
Cc: Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV)
Subject: Revised am media plan

Importance: High

All –

Per some of the latest developments and issues and conversation with Governor earlier today, this is what am now proposing for Flint water media time tomorrow. Please let me know if any issues or concerns ASAP.

11 to 11:10 – pre-brief with Gov., Dan Wyant, Nick Lyon, and Dr. Eden Wells and staff (last minute issues, review flow, messaging).

11:15 – 11:40 a.m. – media conference (with EMBARGOED info until 1:30 p.m.) call with following media targets:

Flint Journal/MLive – Ron Fonger
Reporters from each of three TV stations: WJRT TV 12, WNEM TV 5 and WEYI TV 25
WFNT Radio - Jason Cooper
MI Radio – Steve Carmody
Associated Press – Ed White
Detroit News – Jim Lynch
Detroit Free Press – Nancy Kaffer/Kristy Tanner

NOTE: Combining with DFP and other reporters given some of the local announcements today and the fact that the Governor wanted our Cabinet team participating on the phone too. That way everyone hears everything the same way at the same time.

11:45 to 11:55 a.m. – WJR Frank Beckmann Show - wrap up show/guest

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 5:55 PM
To: Murray, David (GOV); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Biehl, Laura (GOV); Heaton, Anna (GOV); Agen, Jarrod (GOV); Paciorek, Josh (GOV)
Subject: RE: DRAFT Action plan press release

Looks good to me.

My only question: We're trying to keep the language on the action plan steps consistent across our documents. I like some of the changes you've made. Can we incorporate that new language into the graphic Josh is putting together?

From: Murray, David (GOV)
Sent: Thursday, October 01, 2015 5:35 PM
To: Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Biehl, Laura (GOV); Heaton, Anna (GOV); Agen, Jarrod (GOV)
Subject: DRAFT Action plan press release

This isn't formatted yet, but wanted to get a version out there as I continue to work on this. I tried to focus on the human element, and where people can get information. Tried to be light on the jargon. Please give a quick read.

Dave

Oct. 2, 2015

For More Information:
Sara Wurfel or Dave Murray
Brad Wurfel, 517-284-6713,
Angela Minicuci

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes might experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was

created at Snyder's direction by the Michigan Department of Environmental Quality, and the Department of Health and Human Services, the U.S. Environmental Protection Agency, and the City of Flint.

"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "People are worried about their health and their families, and they need to have accurate information. Today's action plan builds upon ongoing work with state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents can feel safe and address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

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- Beginning an optimization of corrosion controls in the Flint drinking water system.
- Convening a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed, and adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Accelerating water system improvements to address replacement of lead service lines.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Providing Flint residents with water filters for their faucets.
- Expanding a comprehensive lead education initiative to make sure residents have detailed information about to protect themselves and their homes.
- Expediting the completion of the Karegnondi Water Authority pipeline.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. Additional information is available at www.michigan.gov/flintwater.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, MDHHS is making National Sanitation Foundation certified water filters available to clients who are active Family Independence Program, Food Assistance Program, Child Development and Care or Social Security Insurance recipients.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

From: Nina Sika <Nina.Sika@wnem.com>
Sent: Thursday, October 01, 2015 6:26 PM
To: Murray, David (GOV)
Cc: Andrew Keller
Subject: Re: RSVP to Media Event, held at Kettering University on Fri, Oct 2 at 1:30 p.m.

Dave,

This has also been sent to Rosemarie's e-mail address--

WNEM TV5 in Saginaw, Michigan plans to send a reporter/photographer crew to the media event being held on Friday, October 2 at 1:30 p.m. at the Kettering University Innovation Center. This is a presser announcing an action plan for drinking water concerns in Flint.

To confirm that you have received our RSVP, or if you need further information from us, please contact TV5 by calling 989-758-2044, or e-mail us at wnem@wnem.com.

Thank you.

Nina Sika

Nina J. Sika
Assignment Editor
(989) 758-2044

This electronic message, including any attachments, may contain proprietary, confidential or privileged information for the sole use of the intended recipient(s). You are hereby notified that any unauthorized disclosure, copying, distribution, or use of this message is prohibited. If you have received this message in error, please immediately notify the sender by reply e-mail and delete it.

From: Dickinson, Sarah (GOV)
Sent: Thursday, October 01, 2015 6:28 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: RE: Revised DRAFT Flint water action plan. Please review!

Thanks -- the G has RDS Time for an hour starting at 7:30PM our time so we'll need to get the briefing out in an hour. I'm still new at this so I'll need a few minutes to compile but I think I'm in okay shape. Just an FYI for both of you

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 6:27 PM
To: Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>
Subject: Fwd: Revised DRAFT Flint water action plan. Please review!

Ditto - but for Gov's briefing

Sent from my iPhone

Begin forwarded message:

From: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Date: October 1, 2015 at 6:18:56 PM EDT
To: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Paciorek, Josh (GOV)" <Pacioreki@michigan.gov>, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>
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State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

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Cc: Emmitt, Beth (GOV); Bedan, Morgan (GOV); Dickinson, Sarah (GOV); Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV)
Subject: Re: Revised am media plan

Ok

Sent from my iPhone

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> Reporters from each of three TV stations: WJRT TV 12, WNEM TV 5 and WEYI TV 25
> WFNT Radio - Jason Cooper
> MI Radio – Steve Carmody
> Associated Press – Ed White
> Detroit News – Jim Lynch
> Detroit Free Press – Nancy Kaffer/Kristy Tanner
>
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From: Wurfel, Brad (DEQ)
Sent: Thursday, October 01, 2015 6:56 PM
To: Wurfel, Sara (GOV); Pallone, Maggie (DEQ); Wyant, Dan (DEQ)
Cc: Tommasulo, Karen (DEQ); Murray, David (GOV); Lasher, Geralyn (DHHS); Stanton, Terry A. (Treasury)
Subject: Media QA
Attachments: Media QA.docx

Got a couple questions in here related to the Governor specifically, so please have a look and help me make sure it's right before we call this final, but here's the media Q&A.
Also, Terry please have a look at one of the later questions about the historic sequence. I think I captured the decision on leaving DWSD, but if you've got an official recollection, please provide. Thanks.

b

Flint Drinking Water
Media Q&A

Is the city going back to DWSD?
That's something we're leaving open. It's an option, but there are no moves at this time to do so. If it becomes something city leadership is interested in doing, the state is willing to act as a facilitator between Flint and DWSD to help come to conclusion that's best for the residents of Flint.

How did the state not see or fix this problem sooner?
Right now, we're focusing on addressing the problem at hand. Every household in the city of Flint is going to be eligible to receive a water filter. The Flint Water Treatment Plant is going to fully optimize its corrosion controls by Nov. 1. And we're going to accelerate water system improvements to address the replacement of lead service lines.

In the long term, we will work with the U.S. EPA to look at water testing protocol.

Is the water safe?
The water leaving the Flint Water Treatment Plant is safe to drink and meets federal guidelines for lead. However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead service lines or lead plumbing in the home. We will expand water testing to better determine which areas have a problem; however, in the meantime, every home will receive a filter to ensure their drinking water is safe.

Does this mean Marc Edwards was right?
We aren't familiar with his testing protocol and have not seen his data. All we know is the state's data and the data Hurley Medical Center provided indicate a need to take precautionary action.

Why didn't you require corrosion controls from day one?
When the city switched water sources, they did begin using lime softening as a corrosion control. DWSD used phosphates, which is another form of corrosion control, but far from the only one. Flint was within federal protocols when it chose to use lime, and this is consistent with what every other community was required to do. The city will now use the past year's water test results to inform a final, or 'optimized' corrosion control system, and has pledged to do so by Nov. 1.

How do you feel about the state and federal testing protocols now that you know there was a problem?

DEQ is working in the community to get a better sense of the actual lead threat, and working with EPA to review our testing protocols. Beyond federal statute requirements, our goal is to protect public health. If we determine we need to make changes, we will.

Why are you requiring corrosion optimization now?
An optimized corrosion control plan will mean lead service lines and plumbing are coated with a layer of phosphates to minimize lead leaching into water. It won't eliminate the lead issue from the water, but it is expected to minimize it. The sooner the city can begin this treatment, the sooner this added level of protection will be in place.

What will you do if the schools you are testing come back with lead?
We will do whatever is necessary to protect the kids in those schools. The action steps announced today should make it clear the state puts the safety of kids and families first.

Is the Governor going to give the city the $30 million it asked for? Or the $13 million state Sen. Ananich wants to include in the budget?
This is a longer term conversation with the state Legislature. As we develop a clearer picture of Flint's lead exposure levels, it will help inform a conversation about short and long-term needs and priorities.

Why did the Governor and the state ignore city residents who have been saying there's a problem for six months?
The state has not ignored this situation. DEQ specialists have been working regularly with Flint officials, in Flint, for the past several years. We've been paying very close attention, but state regulators can't make decisions on allegations. We've been collecting and analyzing data and putting our top departmental minds on this issue. Some new information recently concerns the state enough to take action out of an abundance of caution while we investigate further.

Why did the Governor hide the fact that he was involved in distributing filters previously?
The Governor did not hide anything. He's long been a proponent of a "no blame, no credit" approach to leadership. The administration has been meeting regularly with church leaders from Flint, and he listened when many of them expressed that their memberships had serious concerns. His help to acquire the filters wasn't a media stunt, and he didn't feel compelled to claim credit for his role.

Will you meet with Marc Edwards?
We are not adverse to the idea. He has been invited to participate in the Mayor's Technical Advisory, and DEQ's staff are on that group, so we anticipate getting to dialogue with him there.

Do you trust the city's data?
The city certified its data, as all water system operators do when performing statutorily required lead and copper tests. We are reviewing their data.

Why did the Governor allow the city to switch away from DWSD initially?
The city felt compelled to make the switch. At the time, DWSD was forming the Great Lakes Water Authority, and offered Flint a contract when the city announced it would eventually leave to join KWA. The city

Has the city/Governor put residents at risk?
We don't think so. We recognize there is tremendous public concern in Flint regarding the water. The system is in compliance with federal lead and copper rules, based on testing. But we are aware that some in Flint are being exposed to higher levels of lead, and we are taking significant precautionary steps to protect the community as we look deeper into the situation.

What will the state do about my children? Lead poisoning causes irreversible damage.
Lead poisoning is serious. That is why the state has several programs that screen for lead in our communities and work to educate parents about sources of lead poisoning and ways to avoid it.

Is lead just a problem in Flint?
Lead is a long-standing problem throughout Michigan and the country. The leading source of lead poisoning is lead paint, but other pathways include soils contaminated by historic lead from car emissions and industrial processes, and sometimes from lead plumbing and service connections in old homes and neighborhoods. While all these sources are long outlawed, the lead persists in the environment and in homes.

Why isn't the Governor here today?
Governor regrets he cannot personally lead this announcement. He is out of state and the leadership of his cabinet on this issue, Nick Lyon and Dan Wyant, are presenting this plan today because the state did not want to wait to announce it is taking action. But the governor was integral in the development of the plan.

Does the Flint River have lead? Is it more corrosive than the water from DWSD?
The Flint River does not have lead. The water produced by the drinking water plant does not have lead in it. This issue is strictly about the lead in home plumbing, and that fact makes getting specific data about lead exposure a challenge.
On the issue of corrosivity: the state's drinking water program screens drinking water for 90 different contaminants, but corrosiveness it is not a drinking water standard. Operators of large systems are required to implement corrosion control measures, and Flint is doing that on a very abbreviated schedule.

If the lead is in individual homes' plumbing, how long will it take to fix this problem?
Experts estimate that the process from commencing corrosion control measures to seeing a protective coating develop throughout the system could take up to six months.

Will the move to KWA fix it, or will we still see lead?
It is entirely possible. Historic testing of Flint's system showed the presence of lead when the city was using DWSD water, and it is likely that some homes will still see some level of lead exposure after the system is optimized. The only way to eliminate lead completely is to remove lead plumbing.

Will testing start over when we move to KWA?
Yes, but the corrosion control measures will not be suspended when the city begins the process again next year. The new water source KWA will supply is the same one the Detroit system uses – Lake Huron.

Why aren't Kildee and Ananich here?
Don't know. They were briefed and invited. Today's announcement is a partnership, and we will look to our elected leadership to help protect the people of Flint.

How much are we paying all these new consultants – Dr. Wells and the EPA expert?
Dr. Wells is the state's Chief Medical Officer. Her new role in Flint is part of her duties to the state. The EPA expert similarly is participating as part of his job (SOMEBODY TELL ME IF THIS IS ACCURATE).

Did the DEQ provide any advice to the emergency manager about the switch from DWSD?
The state was opposed to Flint leaving DWSD – not because of concerns about water quality, but because at the time the city was working through its bankruptcy and the state felt the move would incur more expenses for both cities. Flint made the case it could save money in the period that KWA was constructing its pipe, and the state leaders – including the Emergency Financial Manager – eventually granted the city its request.

How long has lead been a problem in Flint? If the problem is in people's home, does that mean they have always been poisoned by this?
Lead is a historic problem, particularly in urban areas, around the nation. While the leading source of lead ingestion has always been paint, lead plumbing has always been some lesser part of the picture. This is why the U.S. EPA created the lead rule – to monitor drinking water systems and raise awareness about lead in home plumbing, and require systems to take steps to minimize lead exposure.

Why aren't you declaring a state of emergency?
The action plan announced today takes significant steps to protect the community while state experts take a closer look at the situation. Available information is concerning enough to spark precautionary protective actions, but there is insufficient hard data yet available to declare an emergency.

Why aren't you providing bottled water?
Distributing lead filters throughout the city will address lead exposure in drinking water while the state continues its investigation.

How long does it take for the system to be fully optimized once the corrosion control treatment begins?
Approximately six months. The state will direct the city to test the system again early next year to check its progress. Any resident approached to participate in the testing is strongly encouraged to participate. Not only does the opportunity offer a free home lead test, but the results help city and state regulators get a more accurate picture of what is happening. Resident participation is crucial to the success of this program, and participation in Flint has historically been a challenge.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 7:00 PM
To: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS)
Cc: Murray, David (GOV)
Subject: FW: Revised DRAFT Flint water action plan. Please review!

Please see revised release and make sure OK or any edits ASAP.

Thx!

From: Murray, David (GOV)
Sent: Thursday, October 01, 2015 6:19 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Revised DRAFT Flint water action plan. Please review!

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or connections might experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Department of Environmental Quality, and the Department of Health and Human Services, the U.S. Environmental Protection Agency, and the City of Flint.

"People are worried about their health and their families, and they need to have accurate information and know that help is available," Snyder said. "Today's action plan builds upon ongoing work with state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents can feel safe and address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
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- Offering free water testing to Flint residents to assure their drinking water is safe.
- Accelerating an optimization of corrosion controls in the Flint drinking water system.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Accelerating water system improvements to address replacing lead service lines.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Providing water filters to residents with concerns or who are included in state assistance programs.
- Creating a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.
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Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. Additional information is available at www.michigan.gov/flintwater.
State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, MDHHS is making National Sanitation Foundation certified water filters available to clients who are active Family Independence Program, Food Assistance Program, Child Development and Care or Social Security Insurance recipients.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wyant, Dan (DEQ)
Sent: Thursday, October 01, 2015 7:13 PM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Pallone, Maggie (DEQ); Tommasulo, Karen (DEQ); Murray, David (GOV); Lasher, Geralyn (DHHS); Stanton, Terry A. (Treasury)
Subject: Re: Media QA

Looks great. Only one edit from me. Take out "there is no move to do so" in first question. City has approached Great Lakes Water authority.

Sent from my iPhone

On Oct 1, 2015, at 6:55 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Got a couple questions in here related to the Governor specifically, so please have a look and help me make sure it's right before we call this final, but here's the media Q&A. Also, Terry please have a look at one of the later questions about the historic sequence. I think I captured the decision on leaving DWSD, but if you've got an official recollection, please provide.
> Thanks.
>
> b
>
> <Media QA.docx>

From: Smith, Paul (GOV)
Sent: Thursday, October 01, 2015 7:20 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Fwd: City of Flint-Water Issue Update

FYI

Sent from my iPad

Begin forwarded message:

> **From:** "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
> **Date:** October 1, 2015 at 7:16:53 PM EDT
> **To:** "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Etue, Kriste (MSP)" <EtueK@michigan.gov>, "Sands, Thomas (MSP)" <SandsT@michigan.gov>, "Smith, Paul (GOV)" <SmithP29@michigan.gov>
> **Cc:** "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
> **Subject: Fwd: City of Flint-Water Issue Update**
>
> FYSA
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Katarsky, Anthony (MSP)" <KatarskyA@michigan.gov>
> > **Date:** October 1, 2015 at 5:02:59 PM EDT
> > **To:** "Kelenske, Chris (MSP)" <KelenskeC@michigan.gov>
> > **Cc:** "Gorski, Gary (MSP)" <GorskiG@michigan.gov>, "Covey, Gabriel (MSP)" <coveyg@michigan.gov>, "Leix, Ron (MSP)" <LeixR@michigan.gov>
> > **Subject: City of Flint-Water Issue Update**
> >
> > The latest from Lt Roach...
> >
> > The County Health Department is expecting to receive 4,000 filters sometime tonight. The filters were secured through the United Way and are being trucked in (cost appox $80,000). Lt Roach was unable to determine where they are being brought in from. They are hoping to get $40,000 more in donations to buy more. The Health Department plans to distribute filters tomorrow at 1:00 pm at UM Flint. The recipients will also be taught how to use filters. Lt Roach was told there are approximately 15,000 homes in the city of Flint with corrosive distribution pipes. The city water department has a list of the homes with details, but information is on paper index cards, not in a database or spreadsheet. They would have to manually sort through cards, so this approach is not practical. The current plan is to distribute filters by priorities being similar to those used during H1N1: pregnant women, women breast feeding/bottle feeding, residences with and children under 5 years. All must be City of Flint residents; credentials will be

checked to make sure they are residents and qualify. A WIC list may be utilized along with a current list of residences on the lead program The Health Department hopes to accomplish work with 15-20 employees and possibly another 20 volunteers. They plan to distribute using two car lanes to avoid having recipients exit cars.

No state resources have been requested.

From: Stanton, Terry A. (Treasury)
Sent: Thursday, October 01, 2015 7:38 PM
To: Wyant, Dan (DEQ)
Cc: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Pallone, Maggie (DEQ); Tommasulo, Karen (DEQ); Murray, David (GOV); Lasher, Geralyn (DHHS)
Subject: Re: Media QA

Would suggest the following edits...

Did the DEQ provide any advice to the emergency manager about the switch from DWSD?
The state was opposed to Flint leaving DWSD – not because of concerns about water quality, but because at the time the city of Detroit was working through its bankruptcy and the state felt the move would incur more expenses for both Detroit and Flint. The the-emergency manager, mayor and city council approved the move to KWA and the state approved the transition. Following the city's decision to move to KWA, DWSD canceled flints contract effective April of 2014. The city faced limited options for its water source following the cancellation of its DWSD contract.

On Oct 1, 2015, at 7:12 PM, Wyant, Dan (DEQ) <WyantD@michigan.gov> wrote:

> Looks great. Only one edit from me. Take out "there is no move to do so" in first question. City has approached Great Lakes Water authority.
>
> Sent from my iPhone
>
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>
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> > b
> >
> > <Media QA.docx>

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 7:40 PM
To: Murray, David (GOV)
Subject: Re: Revised DRAFT Flint water action plan. Please review!

Looks good to me.

Sent from my iPhone

On Oct 1, 2015, at 6:19 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

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Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 7:53 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: Formatted press release
Attachments: PR 151001_FlintWater.docx

Attached is the formatted press release.

Thanks

Josh

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

Contact:	**FOR IMMEDIATE RELEASE** Friday, Oct. 2, 2015
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 or Karen Tommasulo, 517-284-6714 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	

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###

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Thursday, October 01, 2015 9:57 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: Friday Press Conference

Hello,

We are hearing from newspaper reports that a press conference is set for tomorrow at 1:30 pm at Kettering University with state and city officials to discuss next steps for Flint water.

Wanted to inquire about such a meeting taking place.

Thank you,
Damon

Damon Maloney
abc12 News
Sent from my iPhone

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Thursday, October 01, 2015 10:11 PM
To: Murray, David (GOV)
Subject: Re: [DEQ] Michigan leaders to announce action plan for Flint drinking water

Thank you for your help!

Damon Maloney
abc12 News
Sent from my iPhone

> On Oct 1, 2015, at 10:07 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Hi Damon,
>
> Here's a copy of the media advisory.
>
> Sent from my iPhone
>
>
> Begin forwarded message:
>
> From: Michigan Department of Environmental Quality
> <MIDEQ@govsubscriptions.michigan.gov<mailto:MIDEQ@govsubscriptions.mic
> higan.gov>>
> Date: October 1, 2015 at 5:21:49 PM EDT
> To: <murrayd1@michigan.gov<mailto:murrayd1@michigan.gov>>
> Subject: [DEQ] Michigan leaders to announce action plan for Flint
> drinking water
> Reply-To:
> <MIDEQ@govsubscriptions.michigan.gov<mailto:MIDEQ@govsubscriptions.mic
> higan.gov>>
>
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> Oct. 1, 2015
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> Michigan leaders to announce action plan for Flint drinking water
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> Friday, Oct. 2 at 1:30 p.m.
> Local, state and federal leaders will host a press conference to announce a comprehensive action plan for addressing drinking water concerns in Flint. Participants will include:
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> Medical Executive for the Michigan Department of Health and Human
> Services • Dayne Walling, Mayor of Flint • Other local, state and
> federal officials
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>

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 10:32 PM
To: 'Maloney, Damon'
Cc: Murray, David (GOV)
Subject: RE: Friday Press Conference

Importance: High

That's absolutely right, Damon.

You and the station should have gotten a media advisory from the DEQ and DHHS teams. A cut and paste version is below just in case. This event is for media only.

Also, for your planning purposes only, we're looking at hosting a conference call with the Governor to walk through some highlights on a fully EMBARGOED (all hold and not reported/aired until the press conference begins) basis. Please let me know if that's workable and WJRT agrees to that. And if so, who would be representing the station.

Oct. 1, 2015

Michigan leaders to announce action plan for Flint drinking water

Friday, Oct. 2 at 1:30 p.m.
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- Dan Wyant, Director for the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Chief Medical Executive for the Michigan Department of Health and Human Services
- Dayne Walling, Mayor of Flint
- Other local, state and federal officials

Location:
Kettering University, Innovation Center
1300 Bluff St.
Flint, MI 48504

This is a media event open to credentialed news media only. Media who plan to attend this event should RSVP by noon Friday. Contact Rosemarie Olszewski at 517-284-6700 or olszewskir@michigan.gov.

-----Original Message-----
From: Maloney, Damon [mailto:damon.maloney@abc12.com]
Sent: Thursday, October 01, 2015 9:57 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Friday Press Conference

Hello,

We are hearing from newspaper reports that a press conference is set for tomorrow at 1:30 pm at Kettering University with state and city officials to discuss next steps for Flint water.

Wanted to inquire about such a meeting taking place.

Thank you,
Damon

Damon Maloney
abc12 News
Sent from my iPhone

From: Wurfel, Brad (DEQ)
Sent: Friday, October 02, 2015 8:30 AM
To: Thelen, Mary Beth (DEQ); Murray, David (GOV); Wurfel, Sara (GOV); Muchmore, Dennis (GOV)
Subject: RE: FW: [DEQ] Michigan leaders to announce action plan for Flint drinking water

Yep, this should be discussed.
b

From: Thelen, Mary Beth (DEQ)
Sent: Friday, October 02, 2015 7:35 AM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Pallone, Maggie (DEQ)
Subject: FW: FW: [DEQ] Michigan leaders to announce action plan for Flint drinking water
Importance: High

Brad and Karen,
Director wants to discuss when you arrive.
Thanks.

From: Dayne Walling [mailto:dwalling@cityofflint.com]
Sent: Thursday, October 01, 2015 9:23 PM
To: Thelen, Mary Beth (DEQ); Wyant, Dan (DEQ)
Subject: Re: FW: [DEQ] Michigan leaders to announce action plan for Flint drinking water

Thank you. And here is a list of diverse leaders I recommend be invited to attend as space allows in addition to the federal and state legislators, Hollins's contacts and any state personnel or counterparts in Flint/Genesee

City Council President Josh Freeman, jfreeman@cityofflint.com 810-397-3797
City Council Vice-President Wantwaz Davis wdavis@cityofflint.com 810-391-7060
City Council Public Works Chairperson Jackie Poplar 810-397-3205
City Administrator Natasha Henderson nhenderson@cityofflint.com 810-766-7346
City of Flint Director of Public Works Howard Croft hcroft@cityofflint.com 810-766-7346
County Commission Chairman Jamie Curtis jcurtis@co.genesee.mi.us 810-444-6171
County Commission Vice-Chairman Bryant Nolden bnolden@co.genesee.mi.us 810-252-5170
County Drain Commissioner/KWA CEO Jeff Wright jwright@co.genesee.mi.us 810-287-1925
Flint Schools Superintendent Bilal Tawwab btawwab@flintschools.org 810-760-1000
GISD Superintendent Lisa Hagel (810) 591-4402 lhagel@geneseeisd.org
United Way CEO Jamie Gaskin (lead local partner on filters) jgaskin@unitedwaygenesee.org 810-240-0297
Greater Flint Health Coalition CEO Kirk Smith, ksmith@flint.org 810-877-5309
Flint & Genesee Chamber of Commerce CEO Tim Herman therman@flintandgenesee.org 810-691-5734
CS Mott Foundation Chairman Bill White/President Ridgway White rwhite@mott.org 810-614-5980
Mott Children's Health Center CEO Dr. Lawrence Reynolds LawrenceR@mottchc.org
Rev. Dr. Henry L. Fuller, Mt. Calvary Missionary Baptist Church and Wolverine State Convention President, 787-2563
Rev. Alfred Harris, President Concerned Pastors, revalharris1@hotmail.com 810-394-6787
Superintendent Quintin Marshall, President Genesee County Church of God in Christ Alliance, suptmarshall@att.net 810-280-8179

General Motors Communications, Tom Wickham tom.wickham@gm.com 248-707-9064

I also want to see if any of the officials would be willing to meet with a small group afterwards for discussion at the Greater Flint Health Coalition office. I think this could take place without any fanfare and the coalition can do those invites tomorrow mid-morning to include any of the above not able to be invited to the press conference and a few other key stakeholders such as hospital and university CEOs and medical community leaders.

Thank you for the consideration.
Dayne

On Thu, Oct 1, 2015 at 5:57 PM, Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov> wrote:

Dear Mayor Walling,

Please refer to the information below.

Thank you.

Mary Beth

Mary Beth Thelen

Management Assistant to Director Dan Wyant

Department of Environmental Quality

Constitution Hall, 6th Floor South

Phone: 517-284-6712 or 284-6700 (new numbers)

Fax: 517-241-7401

Thelenm2@michigan.gov

From: Michigan Department of Environmental Quality [mailto:MIDEQ@govsubscriptions.michigan.gov]
Sent: Thursday, October 01, 2015 5:22 PM
To: Thelen, Mary Beth (DEQ)
Subject: [DEQ] Michigan leaders to announce action plan for Flint drinking water

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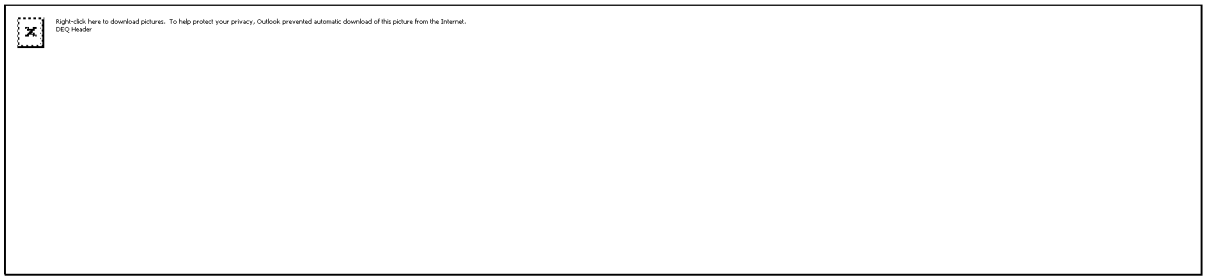

Oct. 1, 2015

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• Dayne Walling, Mayor of Flint
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Location:
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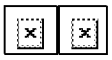

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Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Lasher, Geralyn (DHHS)
Sent: Friday, October 02, 2015 9:22 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Biehl, Laura (GOV)
Subject: RE: PLEASE review: Draft MLive guest column

I think you will want to modify the filter language to now reflect the fact that filters will be provided to all Flint residents and not just assistance program folks with the $1 million Dan and Nick will be announcing.

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:19 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: PLEASE review: Draft MLive guest column

Team, this is a draft guest column for MLive, building on the draft that Brad wrote – but with changes to focus on the action plan. I tried a more people-centered approach, thinking that the audience here is the residents. It's less defensive. It's also shorter. Please let me know if we need to make any changes, or if we are missing information you think should be in there.

Dave

By Nick Lyon and Dan Wyant

People in Flint – and all of Michigan – need to know that that then they turn on the faucet, the water they drink and bathe their children with, is safe and clean.

Flint residents have been hearing concerning news about the municipal water supply for more than a year. We're working to help Flint leaders address and fix short- and long-term problems with the city's water infrastructure.

A recent announcement by local doctors that blood lead levels are rising in children residing in Flint's most at-risk ZIP codes added to the state's knowledge and sparked some additional precautionary measures.

Experts are still working the data to determine exactly what it means, but the state takes lead seriously.

State agencies also are working in collaboration with the federal and Flint leaders to get residents accurate information to ease their fears.

Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.
We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to people who are in state assistance programs.

We're accelerating corrosion controls in the Flint drinking water system.

We're increasing the pace of water system improvements to address replacing lead service lines.

We're expediting the completion of the Karegnondi Water Authority pipeline.

We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

That's because the health and safety of Flint residents – and people across our state – is our first priority.

More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1.

Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Hollins, Harvey (GOV)
Sent: Friday, October 02, 2015 9:23 AM
To: Murray, David (GOV)
Subject: RE: HIGH PRIORITY: Updated Flint water action plan

Yes I have them. Thank you.

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 8:49 AM
To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Subject: FW: HIGH PRIORITY: Updated Flint water action plan
Importance: High

Harvey,

I wanted to make sure you had all of these – especially the talking points.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 11:42 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Ackerman, Darin (GOV) <ackermand3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Clayton, Stacie (GOV) <claytons3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>
Subject: HIGH PRIORITY: Updated Flint water action plan
Importance: High

Hi all –

Attached are several items pulled together to help announce the new comprehensive action plan related to Flint water tomorrow. This build upon past efforts and as aimed to be a real collaborative effort with local, state and federal agencies, along with city and community leaders. These items are:

- News release
- Infographics – one to summarize action plan and one to help highlight the tips for Flint residents
- High level points

The Governor, along with Dan Wyant, Nick Lyon, and Dr. Eden Wells are slated to do an embargoed media conference call with select reporters at 11:15 a.m. tomorrow.

This will be followed by a 1:30 p.m. press conference in Flint led by Directors Wyant and Lyon, moderated by Harvey, and including Dr. Wells and Flint Mayor Dayne Walling. EPA Region 5 Administrator Susan Headman dropped out late

today due to some pending litigation. It's possible that Cong. Kildee and/or State Sen. Anaich and State Reps. Neely and Phelps may be participating as well.

There will also be a clearinghouse of Flint water information available at a new web site – www.michigan.gov/FlintWater. It will be live at 1 p.m. tomorrow.

Please review and let us know of any Qs, concerns, last edits, of if anything else is needed at all.

They are going through last review and refinement now. Please do not share materials until we know they are final.

Thanks much,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Zacharek, Dan <DZacharek@wxyz.com>
Sent: Friday, October 02, 2015 9:44 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: WXYZ-TV

Hi Sara and David,

Hope you are well. Checking to see if someone can please send me the info on today's 11:30am teleconference call about the Flint water situation.

Thank you.

Dan Z.

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From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 9:51 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ); Lasher, Geralyn (DHHS)
Subject: Updated Flint Talking Points
Attachments: Flint Water Talking Points 100215.docx

Please see the section on water filters -- updated to reflect most current information.

Thank you,
Jennifer

Blood Lead Levels in Flint Talking Points
October 1, 2015

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS will be working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations of the local health department. We are actively working with public and private partners to make resources available to those who may need assistance.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor has identified one million dollars in state funding to purchase water filters for Flint residents.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS has authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- We would like to pursue a plan for clients who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC) or Social Security Insurance (SSI) to come to the local MDHHS offices in Flint to obtain a waiver that they could then take to an identified Meijer or Walmart store to obtain water filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- We are in discussions with local retailers and will share additional information about where residents can go to purchase filters as soon as those details have been finalized.
- MDHHS currently serves approximately 25,000 households in Flint but we would anticipate processing approximately 5,000 requests for vouchers a week.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.

- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.

- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

Background

- The results of the Hurley Children's Hospital were reviewed by MDHHS after the study was released last week.
- The analysis that Hurley conducted was different from the initial MDHHS data regarding blood lead levels in Flint.
- MDHHS initial data looked at the entire blood lead levels for the Flint area for the past five years and showed the annual seasonal trends in the area.
- Seasonal exposure is higher in the summer for a variety of reasons including children playing outside in the soil, and when windows are open and lead paint is more likely to be in the air. Further, seasonal variations in water can occur due to changes in temperature, pH , and other factors

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 9:54 AM
To: 'Zacharek, Dan'; Murray, David (GOV)
Subject: RE: WXYZ-TV

Importance: High

Hi there Dan –

Per earlier conversation, below is information for a media conference call with Gov. Snyder and Cabinet leaders – MI Dept of Environmental Quality Director Dan Wyant of the, MI Dept of Health & Human Services Director Nick Lyon of the, and Dr. Eden Wells, the state's Chief Medical Executive – to outline a comprehensive action plan to further address Flint water concerns.

They will also be available to answer Qs.

As agreed by you and WXYZ team, this information is fully embargoed until when the 1:30 p.m. press conference later today in Flint begins.

SPECIFIC CALL-IN DETAILS:
Topic: Flint water action plan
Date: Friday, Oct. 2
Time: 11:15 a.m.
Conference Line call-in number: **PPI**
Conference line passcode: **PPI**
** To ask a question during that portion of the call, please press "0." (but please refrain from pressing zero until opening remarks are completed to help ensure you don't miss any of the details).

****NOTE**:** This invitation is for planning purposes only and meant for you and/or your outlet as there are a limited number of participant lines. Please let us know if you wish to have someone else participate so we can work to accommodate.

Please let us know if who from CH 7 plans to participate or if you need anything else at all in interim.

Thanks and best,
SW

From: Zacharek, Dan [mailto:DZacharek@wxyz.com]
Sent: Friday, October 02, 2015 9:44 AM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: WXYZ-TV

Hi Sara and David,

Hope you are well. Checking to see if someone can please send me the info on today's 11:30am teleconference call about the Flint water situation.

Thank you.

Dan Z.

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From: Zacharek, Dan <DZacharek@wxyz.com>
Sent: Friday, October 02, 2015 9:57 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: WXYZ-TV

Thank you, Sara.

We will abide by the embargo.

Dan Z.

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Friday, October 02, 2015 9:54 AM
To: Zacharek, Dan <DZacharek@wxyz.com>; Murray, David (GOV) <MurrayD1@michigan.gov>
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Conference line passcode: PPI
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From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 10:03 AM
To: Murray, David (GOV)
Subject: Fw: PLEASE review: Draft MLive guest column

From: Wells, Eden (DHHS)
Sent: Friday, October 2, 2015 9:57 AM
To: Lasher, Geralyn (DHHS); Grijalva, Nancy (DHHS); Lyon, Nick (DHHS)
Cc: Eisner, Jennifer (DHHS)
Subject: RE: PLEASE review: Draft MLive guest column

"Experts are still working the data to determine exactly what it means, but the state takes lead seriously." Should be revised. Although continued analysis is being conducted, the MDHHS analysis is consistent with the local finding. (???)

From: Lasher, Geralyn (DHHS)
Sent: Friday, October 02, 2015 9:42 AM
To: Grijalva, Nancy (DHHS); Lyon, Nick (DHHS); Wells, Eden (DHHS)
Cc: Eisner, Jennifer (DHHS)
Subject: FW: PLEASE review: Draft MLive guest column

Please review

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 9:33 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Subject: RE: PLEASE review: Draft MLive guest column

This version includes the additional information about the filters.

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Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.
We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to Flint homes. The state is investing $1 million on this effort, building on the generosity and support of community groups and donors.
We're accelerating corrosion controls in the Flint drinking water system.

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The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

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That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

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More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1. Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

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Sent: Friday, October 02, 2015 9:22 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
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Dave

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Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Friday, October 02, 2015 10:11 AM
To: Murray, David (GOV)
Subject: RE: PLEASE review: Draft MLive guest column

This is really good, Dave. Nice work.
b

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Sent: Friday, October 02, 2015 9:33 AM
To: Lasher, Geralyn (DHHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Biehl, Laura (GOV)
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We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

That's because the health and safety of Flint residents – and people across our state – is our first priority.

More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1.

Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 10:24 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Murray, David (GOV); Minicuci, Angela (DHHS); Lasher, Geralyn (DHHS)
Subject: Fw: Nick's Talking Points
Attachments: LYON Flint Water Talking Points 100215.docx; Flint Water Talking Points 100215.docx

Updated talking points -- we've removed mention of vouchers... details still being worked out.

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 2, 2015 10:19 AM
To: Grijalva, Nancy (DHHS)
Cc: Lyon, Nick (DHHS); Lasher, Geralyn (DHHS); Wells, Eden (DHHS)
Subject: Nick's Talking Points

Nancy -- Please have Nick use these!

With the evolving filter situation, the talking points have been updated. Please note that in Nick's talking points, State Disability Assistance (SDA) has been added to the list of programs that will be eligible for filters.

The general talking points have been updated as well.

Thank you,
Jennifer

Director Nick Lyon Flint Water Press Conference Talking Points
October 2, 2015

- In addition to the points raised by DEQ in protecting the health of Flint residents, the Michigan Department of Health and Human services have also begun taking steps to reduce and prevent lead exposure for Flint families.
- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and our MDHHS clients in Flint.
- To meet this priority, the governor has identified one million dollars in state funding to purchase water filters for Flint residents.
- Additionally, through department emergency funds, we are working to provide National Sanitation Foundation (NSF) certified water filters to residents who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.
- We have already begun working with the local United Way to provide filters to residents receiving WIC benefits.
- We are in discussions with local retailers and will share additional information about where residents can go to purchase filters as soon as those details have been finalized.
- Our next step in the state action plan is to educate families about the steps they can take to reduce all lead exposures in their home.
- Lead exposure can occur from a number of different sources such as paint, gasoline, solder, and consumer products and through different pathways such as air, food, water, dust, and soil.
- Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We will be working to educate all Flint families on steps that they can take to reduce any and all lead exposures in and around their homes.
- And lastly, Gov. Rick Snyder has named Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
- In addition to the action plan, zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
- Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend.
- While this analysis for Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, MDHHS data state analysis is consistent with that presented by Hurley Children's Hospital.
- We cannot conclusively say that the water source change is the sole cause of the increase, but this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint.

- I'd like to now ask Dr. Eden Wells, MDHHS Chief Medical Executive and the Flint Drinking Water Public Health Advisor to provide an overview of the data analysis.

Blood Lead Levels in Flint Talking Points
October 1, 2015

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS will be working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations of the local health department. We are actively working with public and private partners to make resources available to those who may need assistance.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor has identified one million dollars in state funding to purchase water filters for Flint residents.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS has authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- We are pursuing a plan for clients who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) to that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- We are in discussions with local retailers and will share additional information about where residents can go to purchase filters as soon as those details have been finalized.

- MDHHS currently serves approximately 25,000 households in Flint.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.

- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.

- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

Background

- The results of the Hurley Children's Hospital were reviewed by MDHHS after the study was released last week.
- The analysis that Hurley conducted was different from the initial MDHHS data regarding blood lead levels in Flint.
- MDHHS initial data looked at the entire blood lead levels for the Flint area for the past five years and showed the annual seasonal trends in the area.
- Seasonal exposure is higher in the summer for a variety of reasons including children playing outside in the soil, and when windows are open and lead paint is more likely to be in the air. Further, seasonal variations in water can occur due to changes in temperature, pH , and other factors

From: Zacharek, Dan <DZacharek@wxyz.com>
Sent: Friday, October 02, 2015 10:24 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: WXYZ-TV

Jim Kiertzner will be on the call.

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Friday, October 02, 2015 9:54 AM
To: Zacharek, Dan <DZacharek@wxyz.com>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: WXYZ-TV
Importance: High

Hi there Dan –

Per earlier conversation, below is information for a media conference call with Gov. Snyder and Cabinet leaders – MI Dept of Environmental Quality Director Dan Wyant of the, MI Dept of Health & Human Services Director Nick Lyon of the, and Dr. Eden Wells, the state's Chief Medical Executive – to outline a comprehensive action plan to further address Flint water concerns.

They will also be available to answer Qs.

As agreed by you and WXYZ team, this information is fully embargoed until when the 1:30 p.m. press conference later today in Flint begins.

SPECIFIC CALL-IN DETAILS:
Topic: Flint water action plan
Date: Friday, Oct. 2
Time: 11:15 a.m.
Conference Line call-in number: PPI
Conference line passcode: PPI
** To ask a question during that portion of the call, please press "0." (but please refrain from pressing zero until opening remarks are completed to help ensure you don't miss any of the details).

****NOTE**:** This invitation is for planning purposes only and meant for you and/or your outlet as there are a limited number of participant lines. Please let us know if you wish to have someone else participate so we can work to accommodate.

Please let us know if who from CH 7 plans to participate or if you need anything else at all in interim.

Thanks and best,
SW

From: Zacharek, Dan [mailto:DZacharek@wxyz.com]
Sent: Friday, October 02, 2015 9:44 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: WXYZ-TV

Hi Sara and David,

Hope you are well. Checking to see if someone can please send me the info on today's 11:30am teleconference call about the Flint water situation.

Thank you.

Dan Z.

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From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 10:37 AM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint water filter paragraph for website

Jenn,

I'd like to add information about the filters on the website, but I want to make sure that I understand the information.

Can you review the paragraph below and make changes as needed so that this information is accurate?

"To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services has identified funds to provide filters for free to Flint DHHS clients in 25,000 households.
3) United Way and community partners are working to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents."

Thanks for your help

Josh

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 10:47 AM
To: Paciorek, Josh (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Re: Flint water filter paragraph for website

Hi Josh:

2nd point -- can we say "The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients in 25,000 households."?

We would like to stay away from "identified funds" until the amount is finalized.

One other thought -- should we put an asterisk after Flind DHHS Clients* and list which program participants are eligible as a footnote at the end? I'll leave it up to you, but those eligible are those who were former DHS clients -- not necessarily all MDHHS clients. We can clarify if asked but it might be better to avoid initial confusion -- we wouldn't want to mislead all HMP enrollees, for example.

The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

A,

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Sent: Friday, October 2, 2015 10:37 AM
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Cc: Wurfel, Sara (GOV); Murray, David (GOV)
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Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents."

Thanks for your help

Josh

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 10:49 AM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint water filter paragraph for website

Sure, thanks for the edits, Jenn.

How does this look?

"To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* in 25,000 households.
3) United Way and community partners are working to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients."

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 10:47 AM
To: Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>
Cc: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint water filter paragraph for website

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The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

A,

From: Paciorek, Josh (GOV)
Sent: Friday, October 2, 2015 10:37 AM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
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Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents."

Thanks for your help

Josh

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 10:51 AM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint water filter paragraph for website

We made an edit to the last bullet point. How's this look, everyone?

"To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* in 25,000 households.
3) Working with United Way, community partners, and corporate sponsors to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients."

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 10:49 AM
To: Eisner, Jennifer (DCH) <EisnerJ@michigan.gov>
Cc: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water filter paragraph for website

Sure, thanks for the edits, Jenn.

How does this look?

"To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
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Sent: Friday, October 02, 2015 10:47 AM
To: Paciorek, Josh (GOV) <PaciorekJ@michigan.gov>

Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint water filter paragraph for website

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3) United Way and community partners are working to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents."

Thanks for your help

Josh

From: Stanton, Terry A. (Treasury)
Sent: Friday, October 02, 2015 11:02 AM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: Timeline

Importance: High

FYI--

Kaffer and the Freep are constructing a "timeline" of the Flint water situation...and she has requested from me:

-dates for EM appointments, departures
-the date Andy Dillon signed off on KWA

I am also going to include a few other items; Flint's requests to "blend" river water with DWSD water and the DWSD contract cancellation letter.

Will ship the info to you shortly for review and input.

From: Davey, Monica <davey@nytimes.com>
Sent: Friday, October 02, 2015 11:02 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Monica checking

Sara and Dave:
Is the governor going to be at the Flint Water presser?
If not, will he have remarks after?
If there are plans for a trip there, when is he expecting to go there?
Thanks
Monica

From: Brown, Jessica (GOV)
Sent: Friday, October 02, 2015 11:22 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Hollins, Harvey (GOV); Thelen, Mary Beth (DEQ); Andorfer, Bob (MDARD)
Subject: RE: Updated press release with new filter information
Attachments: NR 151002 - Flint water action plan DM.docx

Importance: High

Hello all,

It was brought to Karen's attention that one of the DEQ contact numbers was Director Wyant's desk line. That has been corrected in the attached draft. Please use this one moving forward.

Thanks,
Jessica

From: Tommasulo, Karen (DEQ)
Sent: Friday, October 02, 2015 11:12 AM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: Fwd: Updated press release with new filter information

Sent from my iPhone

Begin forwarded message:

> **From:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Date:** October 2, 2015 at 10:37:13 AM EDT
> **To:** "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Kennedy, Jordan (GOV)" <KennedyJ4@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
> **Subject: Updated press release with new filter information**
>
> Team, here is the updated press release with the new information about the filters highlighted below. Please let us know if there should be changes.

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

"We are focused on helping ensure safe, clean, accessible drinking water and addressing and mitigating concerns and protecting public health," Snyder said. "Today's action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.
- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. The DEQ is covering the cost of this testing.

State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with free water filters and inform families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, National Sanitation Foundation certified water filters will be made available to Flint residents through emergency state funds and coordinated efforts with local

community agencies and donors. Information about how to obtain the filters will soon be available.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

Additional information is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Friday, Oct. 2, 2015

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

"We are focused on helping ensure safe, clean, accessible drinking water and addressing and mitigating concerns and protecting public health," Snyder said. "Today's action plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.

- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

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Additional information is available at www.michigan.gov/flintwater.

###

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 11:30 AM
To: Davey, Monica
Cc: Murray, David (GOV)
Subject: Re: Monica checking

Hi there Monica -

Governor not in Flint today but he's hosting an embargoed media conf right NOW. If you can join us, please do. I can walk you through afterward too if not.

Gov. Snyder and Cabinet leaders – MI Dept of Environmental Quality Director Dan Wyant of the, MI Dept of Health & Human Services Director Nick Lyon of the, and Dr. Eden Wells, the state's Chief Medical Executive – to outline a comprehensive action plan to further address Flint water concerns.

They will also be available to answer Qs.

This information is fully embargoed until when the 1:30 p.m. press conference later today in Flint begins.

SPECIFIC CALL-IN DETAILS:
Topic: Flint water action plan
Date: Friday, Oct. 2
Time: 11:15 a.m.
Conference Line call-in number: PPI
Conference line passcode: PPI
** To ask a question during that portion of the call, please press "0." (but please refrain from pressing zero until opening remarks are completed to help ensure you don't miss any of the details).

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Please let me know if you need anything else at all in interim.

Sent from my iPhone

On Oct 2, 2015, at 11:01 AM, Davey, Monica <davey@nytimes.com> wrote:

> Sara and Dave:
> Is the governor going to be at the Flint Water presser?
> If not, will he have remarks after?
> If there are plans for a trip there, when is he expecting to go there?
> Thanks
> Monica

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Flint water website

Hey team--

DEQ is finishing the Flint water website currently so that it can be live at 1 PM.

Here are screenshots currently of the page. They're still waiting for the final press release to include.

The initial description is from Karen at DEQ. The resources listed are my infographics and lead information from DHHS. There's also information from DHHS regarding the free water filters.

Please let me know what else we need to include and what changes are needed. The website will be www.mi.gov/FlintWater

Thanks

Josh

Flint Drinking Water Action Plan

- Flint Drinking Water Action Plan

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TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

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From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:38 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Ron Fonger MLive article includes plan

http://www.mlive.com/news/flint/index.ssf/2015/10/state_water_plan_for_flint_inc.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+michigan-news+%28Michigan+News%2C+Updates%2C+Photos%2C+Videos+and+Opinions+-+MLive.com%29&hootPostID=187256a301e56dc0d6b65e2db7b0d71d

Flint River will remain as city water source in state plan to address lead

The city would continue to use the Flint River as its water source, according to a plan expected to unveiled today, Oct. 2, by state officials.

A person with knowledge of the plan said it includes the immediate testing of water in all Flint schools, faucet filters for city residents and expanded testing for lead among city residents.

The plan is being unveiled at a 1:30 p.m. news conference at Kettering University.

The person familiar with the plan said it does not include reconnecting to the Lake Huron water through the Detroit Water and Sewerage Department.

Parts of the plan include:

- Immediately test water at Flint schools at state expense, working with administrators.
- Expand lead exposure testing for individuals.
- Continue offering free water testing to Flint residents at no charge.
- Expedite optimization of corrosion control
- Expediting completion of the Karegnondi Water Authority
- Appointing a Flint Drinking Water Public Health Advisor
- Providing water filters to Flint residents
- Expanding a comprehensive lead education initiative

Today's news conference comes after an avalanche of disastrous news about Flint water and a drastic change in direction among city and state officials, who have defended the safety of city water for months.

Calls for the city to end its use of the Flint River for drinking water increased after a Hurley Medical Center doctor's study showed the number of children in the city with elevated blood levels nearly doubled after the city started using it as a water source in 2014.

State officials initially questioned the data, but Snyder this week acknowledged problems with lead.

The state oversees water quality in Flint, and state-appointed emergency managers were running city government when decisions were made not to negotiate a short-term agreement to continue buying Lake Huron water from Detroit and to instead use the river as a water source.

Although the city is not currently in violation of the Safe Drinking Water Act, bacteria, the level of total trihalomethanes and lead have been problems in the water system since then.

Stay with MLive for more developments on this story.

From: Livengood, Chad <CLivengood@detroitnews.com>
Sent: Friday, October 02, 2015 11:48 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Lynch, James
Subject: RE: Embargoed media conf. call - Flint water action plan

Sara or Dave,

Quick follow-up question: In reference to the plan to immediately test water coming out of the faucets of all schools in Flint Community Schools, will the water at Flint's public charter schools be tested as well? I don't have an exact count, but I'm guessing there are a half-dozen or more charter schools in Flint.

-Chad

Chad Livengood
Capitol Reporter
The Detroit News
Lansing bureau: (517) 371-3660
Cell: PPI
clivengood@detroitnews.com
Twitter.com/ChadLivengood

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Friday, October 02, 2015 9:48 AM
To: Lynch, James <JLynch@detroitnews.com>; Livengood, Chad <CLivengood@detroitnews.com>
Subject: Embargoed media conf. call - Flint water action plan
Importance: High

Hi there Jim and Chad –

Per earlier conversations, below is information for a media conference call with Gov. Snyder and Cabinet leaders – MI Dept of Environmental Quality Director Dan Wyant of the, MI Dept of Health & Human Services Director Nick Lyon of the, and Dr. Eden Wells, the state's Chief Medical Executive – to outline a comprehensive action plan to further address Flint water concerns.

They will also be available to answer Qs.

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Please let us know if who from Detroit News plans to participate or if you need anything else at all in interim.

Thanks so much,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Stanton, Terry A. (Treasury)
Sent: Friday, October 02, 2015 12:30 PM
To: Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: RE: Timeline

Importance: High

I apologize for the length of this...but wanted you all to review it before I ship it to Nancy. Please advise of any suggested changes.

Flint EM dates for financial emergency declared in December 2011

Mike Brown, apptd 12-1-11 (when fin emer declared under PA 4 of 2011)
Ed Kurtz, apptd 8-8-12 (when PA4 was repealed in Aug 2012, Brown couldn't serve as EM, PA 72 back in effect)
Mike Brown, apptd 7-4-13 (Kurtz retired; PA436 in effect)
Darnell Earley, apptd 10-8-13 (Brown resigned)
Gerald Ambrose, apptd 1-13-15 (Earley appointed DPS EM)

Financial Emergency resolved, 4-29-15 (RTAB apptd)

Other dates

June 26, 2012 – Letter from EM Brown to DWSD seeking permission to blend river water with DWSD water (attached).

Sept. 20, 2012 – Letter from EM Kurtz to DWSD requesting written permission to implement blending (attached).

March 25, 2013 – The Flint City Council endorses joining KWA (see url below)
http://blog.mlive.com/newsnow_impact/print.html?entry=/2013/03/flint_city_council_approves_re.html

April 11, 2013 – Treasurer Dillion sends letter to EM Kurtz (attached) noting conditional approval of move to KWA (pursuant to PA436), pending a review of DWSD's last, best offer.

April 16, 2013 – EM Kurtz informs Treasury that the City will join KWA (attached).

April 17, 2013 – DWSD transmits letter to EM Kurtz terminating service to Flint, effective April 17, 2014 (attached).

April 17, 2014 – Water service from DWSD officially ends.

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 12:41 PM
To: Livengood, Chad
Cc: Murray, David (GOV); Lynch, James
Subject: Re: Embargoed media conf. call - Flint water action plan

Water tested at all public schools-traditional and charters. We're also offering it to all parochial schools.

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

On Oct 2, 2015, at 11:47 AM, Livengood, Chad <CLivengood@detroitnews.com> wrote:

> Sara or Dave,
>
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>
> -Chad
>
> ---
> Chad Livengood
> Capitol Reporter
> The Detroit News
> Lansing bureau: (517) 371-3660
> Cell: PPI
> clivengood@detroitnews.com
> Twitter.com/ChadLivengood
>
> **From:** Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
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PPI mobile
Twitter:@SaraLW

-

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 1:05 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water website

The website is now live.

www.mi.gov/FlintWater

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
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Thanks

Josh

Flint Drinking Water Action Plan

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TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

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From: Ryan Felton <ryanfelton13@gmail.com>
Sent: Friday, October 02, 2015 1:33 PM
To: Murray, David (GOV)
Subject: Confirm details of teleconference?

Hi David,

I wanted to see if you could confirm reported details of the teleconference call this morning, in that Flint might reconnect with Detroit water?

Additionally, was this a call open to the media? It would've been nice to be on that call.

Best,

Ryan Felton
Journalist
Detroit, MI
734.353.2221
ryanfelton.tumblr.com
Twitter: @ryanfelton13

From: Zach Gorchow <zgorchow@gongwer.com>
Sent: Friday, October 02, 2015 1:39 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint conference call

Sara and Dave,

The governor and Dan Wyant held a conference call today on Flint water? We had no notice of it.

http://www.detroitnews.com/story/news/local/michigan/2015/10/02/73196456/

Zach

Zach Gorchow
Editor
Gongwer News Service/Michigan Report
517-482-3500
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Gongwer Is Your Complete Source On Michigan Government
Find out more about Gongwer's services

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www.avast.com

From: Ryan Felton <ryanfelton13@gmail.com>
Sent: Friday, October 02, 2015 1:44 PM
To: Murray, David (GOV)
Subject: Re: Confirm details of teleconference?

OK. Would appreciate any notification of such a conference call in the future. Thanks much!

On Fri, Oct 2, 2015 at 1:40 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
Reconnecting is an option that the city can consider.

Sent from my iPhone

On Oct 2, 2015, at 1:32 PM, Ryan Felton <ryanfelton13@gmail.com<mailto:ryanfelton13@gmail.com>> wrote:

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Additionally, was this a call open to the media? It would've been nice to be on that call.

Best,

Ryan Felton
Journalist
Detroit, MI
734.353.2221
ryanfelton.tumblr.com<http://ryanfelton.tumblr.com>
Twitter: @ryanfelton13

--
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From: Ryan Felton <ryanfelton13@gmail.com>
Sent: Friday, October 02, 2015 2:17 PM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Subject: Re: Confirm details of teleconference?

Hi David, et. al:

DEQ's Wyant said this afternoon the city used corrosion controls to treat the water post-switch from DWSD. Can you tell me what agents were used, and when?

Thanks much,
Ryan

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From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 3:06 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Freep Editorial

I know Nancy probably doesn't care, but this is outrageous to place the entirety of this blame on the Governor. And she willingly or unwillingly is totally ignoring everything that was said this morning about the Flint River not being the issue. Are others understanding this point? I feel like Chad did on the call.

http://www.freep.com/story/opinion/editorials/2015/10/02/flint-vindication-----snyder-more-questions/73207200/

From: Eggert, David <DEggert@ap.org>
Sent: Friday, October 02, 2015 3:18 PM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: $1M

Jennifer,

How much are you spending for the people on public assistance to get filters?

From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
Sent: Friday, October 02, 2015 12:46 PM
To: Eggert, David
Subject: Re: $1M

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Sent from my iPhone

On Oct 2, 2015, at 11:52 AM, "Eggert, David" <DEggert@ap.org> wrote:

> How many water filters can you buy with $1M? Thx.

<image001.jpg>

<image002.jpg>

David Eggert
State government reporter

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and delete this email. Thank you.
[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 3:20 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: Re: Freep Editorial

She absolutely doesn't care - unfortunately one iota. This is like RTW for her. Visceral. Ridiculousness.

Most of the coverage so far has been decent. Event went as well as could expected. Team did overall really nice job.

Your thoughts on rest?

Sent from my iPhone

> On Oct 2, 2015, at 3:05 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
>
> I know Nancy probably doesn't care, but this is outrageous to place the entirety of this blame on the Governor. And she willingly or unwillingly is totally ignoring everything that was said this morning about the Flint River not being the issue.
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>
> http://www.freep.com/story/opinion/editorials/2015/10/02/flint-vindication----snyder-more-questions/73207200/

From: Ryan Felton <ryanfelton13@gmail.com>
Sent: Friday, October 02, 2015 3:38 PM
To: Murray, David (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Subject: Re: Confirm details of teleconference?

Hi all,

Noticed a response was passed along to Michigan Radio, in which MDEQ says lime softening has been used as a corrosion control agent "all along." Is that accurate? If so, does "all along" mean ever since Flint switched to the Flint River?

Thanks.

On Fri, Oct 2, 2015 at 2:16 PM, Ryan Felton <ryanfelton13@gmail.com> wrote:
Hi David, et. al:

DEQ's Wyant said this afternoon the city used corrosion controls to treat the water post-switch from DWSD. Can you tell me what agents were used, and when?

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Twitter: @ryanfelton13

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 4:00 PM
To: Eggert, David
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Re: $1M

We're still determining the quantities needed, associated costs, and purchasing process. Director Lyon is commited to ensuring that our clients can obtain filters and have safe drinking water.

From: Eggert, David <DEggert@ap.org>
Sent: Friday, October 2, 2015 3:18:09 PM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
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From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
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[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Wurfel, Brad (DEQ)
Sent: Friday, October 02, 2015 4:38 PM
To: Wurfel, Sara (GOV); Wyant, Dan (DEQ); Tommasulo, Karen (DEQ); Pallone, Maggie (DEQ); Murray, David (GOV)
Subject: Fwd: U.S. EPA comment on State of Michigan and City of Flint press conference on Oct. 2, 2015

Sent from my iPhone

Begin forwarded message:

From: "Kelley, Jeff" <kelley.jeff@epa.gov>
Date: October 2, 2015 at 2:23:30 PM EDT
To: "Brad Wurfel (wurfelb@michigan.gov)" <wurfelb@michigan.gov>
Subject: U.S. EPA comment on State of Michigan and City of Flint press conference on Oct. 2, 2015

FYI, this is the statement we released this afternoon …

This statement can be attributed to EPA Region 5 Administrator Susan Hedman:

> "Actions that the State of Michigan and the City of Flint announced today are important steps to protect public health. The immediate steps being taken to implement corrosion control will reduce lead in drinking water, as required by the Safe Drinking Water Act. US EPA will continue to provide technical assistance to the State of Michigan and the City of Flint to support their joint effort. "

Jeff Kelley
Director, Office of External Communications
U.S. EPA Region 5
ph: 312-353-1159

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 4:52 PM
To: Paciorek, Josh (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water website

Much thanks for your work on this, Josh.

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 1:05 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water website

The website is now live.

www.mi.gov/FlintWater

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water website

Hey team--

DEQ is finishing the Flint water website currently so that it can be live at 1 PM.

Here are screenshots currently of the page. They're still waiting for the final press release to include.

The initial description is from Karen at DEQ. The resources listed are my infographics and lead information from DHHS. There's also information from DHHS regarding the free water filters.

Please let me know what else we need to include and what changes are needed. The website will be www.mi.gov/FlintWater

Thanks

Josh

Flint Drinking Water Action Plan

- Flint Drinking Water Action Plan

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Sign up for email from the DEQ!

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

On Friday, October 2, 2015, Gov. Rick Snyder announced a comprehensive action plan created with state, federal and city leaders to address concerns about Flint drinking water so that residents have access to safe, clean, water now and long into the future. The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1. You can also email flintwater@...

News Updates

News Updates

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns; Collaborative effort with state, federal and city leaders focuses on testing, assistance

Flint Drinking Water Resources

Flint Water Action Plan - This ten point plan outlines the steps the State of Michigan is taking on Flint water.

Tips for Flint Residents - Simple steps residents can take to minimize lead in drinking water.

Lead Screening & Testing for Safe, Healthy Kids

Blood Lead Level Quick Reference for Primary Care Providers

Parent Handout - Is Your Child Safe from Lead Poisoning?

Free Water Filters

* Obtaining Free Water Filters

To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* in 25,000 households.
3) Working with United Way, community partners, and corporate sponsors to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

Flint Drinking Water Action Plan

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MI HEALTHY CLIMATE PLAN

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Sent: Friday, October 02, 2015 5:14 PM
To: Eisner, Jennifer (DHHS)
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: $1M

OK. Quick follow-up -- are filters for residents and businesses? And can people get more than 1 per house?

From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
Sent: Friday, October 02, 2015 4:00 PM
To: Eggert, David
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
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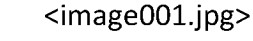

David Eggert
State government reporter

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From: Eisner, Jennifer (DHHS)
Sent: Friday, October 02, 2015 5:36 PM
To: Eggert, David
Cc: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: $1M

Hi Dave --

I know we just chatted, but to reiterate, the $1 million in funding was identified to serve Flint residents in addition to those we are able to provide filters with through MDHHS emergency funds. The MDHHS emergency funds must be used to support people who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

In terms of distributing the $1 million in filters more broadly, that policy is actively being worked out --those details and logistics will be made publicly available as soon as they're finalized.

Thank you, and be in touch again soon.

Best,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

From: Eggert, David [mailto:DEggert@ap.org]
Sent: Friday, October 02, 2015 5:14 PM
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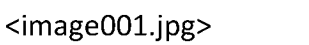

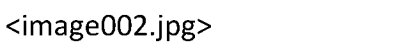

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msk dccc60c6d2c3a6438f0cf467d9a4938

From: Bowling, Joe'L (GOV)
Sent: Monday, October 05, 2015 9:12 AM
To: Murray, David (GOV)
Cc: Biehl, Laura (GOV); Brown, Jessica (GOV); Wurfel, Sara (GOV)
Subject: PHONE MESSAGE: Nick Lulli - TV % News (WNEM)

Name: Nick Lulli
Outlet: TV 5 News WNEM
Topic: MI Works Conference Information/ Would also like to get information about the Flint Water Situation
Phone: 989-245-9280
Email: nlulli@wnem.com
Deadline: 10/5 by 5:00pm

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, October 05, 2015 9:37 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: national guard water tanker suggestion

Sara:
We are seeking comment for a story based on the request to the governor by Genesee County Clerk-Register and former state senator John Gleason to consider using National Guard water tankers in response to providing water to Flint residents.
I've attached a letter from Gleason to Gov. Snyder from September 2014 on this subject.
Mr. Gleason said last week that's he's spoken in recent days to state Sens. Horn and Ananich in an new effort to get Flint access to the National Guard water tankers.
Thanks in advance for your help.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Macaluso, Nora <nmacaluso@bna.com>
Sent: Monday, October 05, 2015 9:41 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: News Release: Flint Water Crisis Action, Probe Urged

Good morning. Do you have any comment on this request for an investigation? Is the governor looking into how the DEQ missed the problem? Writing today, deadline 4 p.m. Though of course this is an ongoing story.

Thanks ..

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Michigan Chapter Sierra Club [mailto:michigansierraclubmedia@gmail.com]
Sent: Friday, October 02, 2015 4:11 PM
Subject: News Release: Flint Water Crisis Action, Probe Urged

Sierra Club Calls For Urgent Action on Snyder Water Plan, Probe of Michigan Department of Environmental Quality

FOR IMMEDIATE RELEASE

Friday, October 2, 2015

Media Contact: David Holtz, david@davidholtz.org/313-300-4454

LANSING—Sierra Club today called on Gov. Rick Snyder to act decisively and urgently to implement plans to end the public health crisis in Flint and to support an independent

investigation into the Michigan Department of Environmental Quality's oversight of federal drinking water laws.

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##

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, October 05, 2015 9:42 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: that document I mentioned
Attachments: JJG Letter to the Governor - Flint Water Concerns 09-10-14.pdf

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

JOHN J. GLEASON
GENESEE COUNTY CLERK

OFFICE OF THE COUNTY CLERK
GENESEE COUNTY COURTHOUSE
900 SOUTH SAGINAW STREET
FLINT, MICHIGAN 48502

ADMINISTRATION (810) 257-3282
COURT RECORDS (810) 257-3220
ELECTIONS (810) 257-3283
VITAL RECORDS (810) 257-3225

September 10, 2014

Governor Snyder,

The recent water concern in the City of Flint has revealed two actions for future drinking water shortages.

In the past, the Flint area has used the National Guard water tanker for local road races. Also, daily water tankers fill our local swimming pools.

When we have large numbers of citizens that must use the "Boil the Water" process, why can't we use the tankers I mentioned above?

Flint has gone days without drinking water.

With such a basic life need, let's try some possible solutions! We could dispense the water at Senior Centers, community gathering locations, neighborhood schools and churches. This could be seen as a training experience for the National Guard or Reserves.

Governor, the need is there and the tankers are at hand.

Thanks for your time and please let me know what you think.

I hope this note finds you and your family in fine health.

Genesee County Clerk
John J. Gleason

From: Bowling, Joe'L (GOV)
Sent: Monday, October 05, 2015 11:10 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: PHONE MESSAGE - Charlie Brooks - CBS Nightly News

Name: Charlie Brooks
Outlet: CBS Nightly News
Topic: Flint Water Situation/ Would like to get some perspective from the Governor
Phone: 312-805-1711
Email: csb@cbsnews.com
Deadline: ASAP/ Aiming to air sometime between today and tomorrow evening

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

From: Wurfel, Sara (GOV)
Sent: Monday, October 05, 2015 12:15 PM
To: 'Macaluso, Nora'; Murray, David (GOV)
Subject: RE: News Release: Flint Water Crisis Action, Probe Urged

Nora –

Would say that we believe protecting public health is paramount and safe, clean, accessible drinking water is essential. The Governor and Administration, through both DEQ and the MI Dept of Health & Human Services, have outlined a collaborative, comprehensive action plan to help ensure just that as well as public confidence, and that we're all working together across local, state and federal levels to bring all resources and ideas to bear.

Thanks and best,
SW

From: Macaluso, Nora [mailto:nmacaluso@bna.com]
Sent: Monday, October 05, 2015 9:41 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: News Release: Flint Water Crisis Action, Probe Urged

Good morning. Do you have any comment on this request for an investigation? Is the governor looking into how the DEQ missed the problem? Writing today, deadline 4 p.m. Though of course this is an ongoing story.

Thanks ..

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Michigan Chapter Sierra Club [mailto:michigansierraclubmedia@gmail.com]
Sent: Friday, October 02, 2015 4:11 PM
Subject: News Release: Flint Water Crisis Action, Probe Urged

Sierra Club Calls For Urgent Action on Snyder Water Plan, Probe of Michigan Department of Environmental Quality

FOR IMMEDIATE RELEASE

Friday, October 2, 2015

Media Contact: David Holtz, david@davidholtz.org/313-300-4454

LANSING—Sierra Club today called on Gov. Rick Snyder to act decisively and urgently to implement plans to end the public health crisis in Flint and to support an independent investigation into the Michigan Department of Environmental Quality's oversight of federal drinking water laws.

"Given the clear risks to vulnerable populations and the state's public health responsibilities this is a time for strong leadership and accountability from state public health authorities and the governor," said **David Holtz**, **Sierra Club** Michigan Chair. "The governor, finally, is assuming direct responsibility for responding to a crisis that every day is damaging the health of Flint's children. His actions should be much stronger, however, and he needs to find out how we got to the point where Flint children are drinking lead and what the MDEQ's role was in those decisions and actions."

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From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Monday, October 05, 2015 2:46 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: water filter distribution

Sara:
I'm expecting to write a story about the efforts to distribute water filters that have so far come into Flint from several sources.
Are the state-funded filters being distributed through the Genesee County Health Department and United Way or through state offices such as the Department of Human Services, or both?
Have the state-funded filters begun to arrive in Flint and does your office want to comment on the efforts to distribute the filters so far?
You may have heard that the initial distribution was expanded Saturday to include all residents because there were far more filters than low income families that qualified who turned out to request one.
Thanks for your help.
Call is it's easier

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Monday, October 05, 2015 2:48 PM
To: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS)
Cc: Murray, David (GOV); Hollins, Harvey (GOV)
Subject: FW: water filter distribution

Importance: High

Guys – please share an update on this asap.

Also, have heard from CBS Evening News. They'll be in Flint today and tomorrow. Need to chat with you about that.

Please call as soon as can.

Thanks much,
SW

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
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From: Lasher, Geralyn (DHHS)
Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Priest, Chris (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Kennedy, Jordan (GOV); Hertel, Elizabeth (DHHS)
Subject: Release on Flint
Attachments: Flint Filters Press Release 10515.pdf

Importance: High

Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.

At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.

Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 5, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

Water filters available for MDHHS clients in Flint beginning Tuesday

LANSING, Mich. – Free water filters will be available to current Michigan Department of Health and Human Services clients and Flint residents at four locations beginning Tuesday, October 6, at 9 a.m. through a partnership between the MDHHS and the Genesee County Community Action Resource Department. Free National Sanitation Foundation certified water filters are being provided to Flint residents as part of the administration's comprehensive approach to addressing water concerns in the area.

Current MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location to obtain a free, certified home water filter. Residents who are not currently enrolled in MDHHS assistance programs should visit the Genesee County Community Action Resource Department offices located at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

"Ensuring that families in the Flint area have access to resources that will help reduce the potential for lead exposure is our top priority," said Nick Lyon, director of the MDHHS. "I want to thank our partners who have mobilized to make water filters available – a point that highlights the importance of continued collaboration at the local, state and federal level as we move forward."

MDHHS clients in the city of Flint who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients should bring valid identification and a copy of their water bill to their local MDHHS office to receive their filter free of charge. Flint residents who are not active MDHHS clients should bring identification and their water bill to the GCCARD location.

Although blood lead levels throughout the city of Flint have remained steady, last week, MDHHS data was found to be consistent with a recent Hurley Children's Hospital study indicating increased blood lead levels in children residing in two Flint ZIP codes after a 2014 change in water source. While lead paint remains the number one cause of lead poisoning in Michigan, the recent data prompted MDHHS to take action to reduce potential lead exposures through water sources.

MDHHS is urging parents in Flint and throughout the state to do their part in preventing elevated blood lead levels in children. For more information about steps you can take now, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and available resources, visit www.michigang.gov/flintwater.

# # #

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Sent: Monday, October 05, 2015 3:42 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Priest, Chris (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV); Kennedy, Jordan (GOV); Wisniewski, Wendy (GOV); Clayton, Stacie (GOV)
Subject: FW: Release on Flint
Attachments: Flint Filters Press Release 10515.pdf

Importance: High

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Cc: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
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From: Wurfel, Sara (GOV)
Sent: Monday, October 05, 2015 3:53 PM
To: 'Ronald Fonger'; Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS)
Cc: Murray, David (GOV)
Subject: RE: water filter distribution

State teams have been working throughout the weekend with the local community and partners to get this finalized and this action step mobilized as soon as possible from state's comprehensive plan announced Friday, Ron.

Looping in Angela and Jen from the MI Dept of Health and Human Services here who can walk you through the details, but essentially filters will be available starting tomorrow morning at both the two MDHHS offices in Flint as well as the two Genesee Co. Community Action Resource Dept offices in Flint.

Great example of the collaboration underway and that's so key to addressing this issue together.

I know you'll be hearing from the soon.

Thanks and best,
SW

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Sent: Monday, October 05, 2015 3:57 PM
To: Murray, David (GOV)
Subject: RE: Release on Flint

Both – clients should go to DHHS office, all others should go to local Community Action Agency location – though either can go to other locations and walk out door with filter by same form/policy to ensure "no wrong door" and make as easy as possible. But they are trying to direct folks accordingly. Outlined in 2nd graph – not clear enough?

From: Murray, David (GOV)
Sent: Monday, October 05, 2015 3:52 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: Release on Flint

I'm confused after reading the release. Does this deal just with filters for the clients, or for everyone?

Sent from my iPad

On Oct 5, 2015, at 3:42 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

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<Flint Filters Press Release 10515.pdf>

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Cc: Murray, David (GOV); Kennedy, Jordan (GOV); Wisniewski, Wendy (GOV); Clayton, Stacie (GOV)
Subject: RE: Release on Flint

What if they are shut ins or can't get there? Where's the relief coming from? Is the Flint Transit Authority willing to extend complimentary transportation? Who is going to explain to the recipients how the filter fits on their faucet?

I know from experience that my wife never grew up building things out of Erector Sets, and she's terrible at reading "part a attaches to part b with two bolts enclosed in the third packet. Don't use the ones marked only for Delta faucets" oh, you get the point.

Just a suggestion from a syntax point of view, the construction of the first sentence appears to allow anyone who is a DHHS client and anyone who is a Flint resident to receive a water filter. It isn't clear that it applies to a person who is a Flint resident who receives public assistance and not to other Flint residents. Secondly, don't forget that other Flint residents also should be entitled to a water filter and although the press release is about DHHS clients, we don't want to create additional confusion. A throw-away line about the other residents might be wise.

From: Wurfel, Sara (GOV)
Sent: Monday, October 5, 2015 3:42 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <Kennedyj4@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: FW: Release on Flint
Importance: High

Talked at length with Geralyn about this just now. Think is a good thing, and shows immediate follow up from action steps announced Friday. Added bonus is that it should be pretty easy for Flint clients and residents and have a "no wrong door" approach too just in case. Please see attached and below.

This is slated for distribution at 4 p.m. Need to hear if any concerns from anyone ASAP.

Otherwise, it's a go.

Thanks much,
SW

From: Lasher, Geralyn (DHHS)
Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>

Cc: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Subject: Release on Flint
Importance: High

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Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

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From: Wurfel, Sara (GOV)
Sent: Monday, October 05, 2015 4:08 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Priest, Chris (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV); Kennedy, Jordan (GOV); Wisniewski, Wendy (GOV); Clayton, Stacie (GOV)
Subject: RE: Release on Flint

Thanks, Chief.

That is correct – anyone who is a DHHS client **AND** anyone who is a Flint resident will receive a water filter.

They are trying to direct clients to go to DHHS office, all other residents to the local Community Action Agency locations – though either can go to the other respective locations and walk out the door with a filter by using the same form/policy to ensure "no wrong door" and make as easy as possible. But they are trying to direct folks accordingly. Outlined in lede and 2nd graph – will have them change headline to help with clarity further.

DHHS is still working on some of those first issues/Qs (shut ins, disabilities, etc) - working locally to get those components further refined. Active group including Area Agency on Aging, Co. Emergency Services, etc working on. Original plans for seniors was to see if Meals on Wheels volunteers could deliver and install but apparently interferes and would cause too much of a delay with delivery of hot food.

From: Muchmore, Dennis (GOV)
Sent: Monday, October 05, 2015 3:59 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Priest, Chris (GOV) <PriestC1@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
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From: Wurfel, Brad (DEQ)
Sent: Monday, October 05, 2015 4:24 PM
To: Lasher, Geralyn (DHHS)
Cc: Wurfel, Sara (GOV); Priest, Chris (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Kennedy, Jordan (GOV); Hertel, Elizabeth (DHHS)
Subject: Re: Release on Flint

Thanks G!

Sent from my iPhone

On Oct 5, 2015, at 3:18 PM, Lasher, Geralyn (DHHS) <lasherg@michigan.gov> wrote:

> Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.
>
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>
> <Flint Filters Press Release 10515.pdf>

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 9:17 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: FW: PRESS RELEASE: Kroger & Al Serra Water Donations
Attachments: Kroger & Al Serra Water Donation.pdf

FYI

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Tuesday, October 06, 2015 8:34 AM
Subject: PRESS RELEASE: Kroger & Al Serra Water Donations

For Immediate Release

Kroger Donates 19 Palettes of Bottled Water to Mayor Dayne Walling who Plans to Donate it to Flint Community Schools, Al Serra Auto Plaza to Hold Water Donation Drive to Help Flint Senior Centers

Flint, Michigan – October 6, 2015 – Mayor Dayne Walling has received a donation from Kroger grocers of 19 palettes of water to help those in the community struggling with water. The Mayor has in turn donated that water to the Flint Community Schools for distribution to students. In addition to the Kroger donation, Al Serra Auto Plaza of Grand Blanc has announced plans to hold a month long bottled water donation drive to collect water for distribution to Flint's two Senior Centers as well as the Flint Community Schools. Details on that donation drive will be available at Al Serra's Facebook page today.

"Our children are a top priority given the effects lead can have on their development," said Mayor Walling. "Any bottled water donations we receive will be used for our children and other high risk groups, such as our seniors. We continue to recommend that residents follow the instructions of the Genesee County Health Department concerning lead in drinking water."

The City has been working with local aid agencies to provide water relief to Flint residents. Last week the City worked with the United Way of Genesee County to provide residents with water tap filters and gave away over

3,000 of them on Saturday, October 3, 2015 at the UM-Flint Recreation Center. On Friday it also was announced by the State of Michigan that $1 Million has been allocated to providing residents with water filters.

–END–`

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

Dayne Walling
Mayor

Natasha L. Henderson
City Administrator

Jason Lorenz
Public Information Officer
Office: (810) 237-2039
Cell: PPI
jlorenz@cityofflint.com

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–END–

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 10:49 AM
To: Emmitt, Beth (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint

Don't forward or spread this around, but give me your take.
I think we may need to get G into Flint this week.
Unpublicized, but public. Filter distribution, testing visit, discussion with Superintendent, etc...
(And probably again next week.)

We should at least present the option of what a potential visit would look like.

Can you think about it and let me know how we'd do it.
I know it would require blowing up a day or part of a day.

From: Gautz, Chris (MDOC)
Sent: Tuesday, October 06, 2015 1:21 PM
To: Murray, David (GOV); Heaton, Anna (GOV)
Subject: FW: Flint water

FYI

From: Straub, Gregory (MDOC)
Sent: Tuesday, October 06, 2015 1:20 PM
To: Gautz, Chris (MDOC)
Subject: Fwd: Flint water

Below. Looks like they brought in water....

Greg Straub, Administrative Assistant to Deputy Director, Russ Marlan
517-285-7703
@MDOCFOA

Begin forwarded message:

> **From:** "Wilson, Warren (MDOC)" <wilsonw1@michigan.gov>
> **Date:** October 6, 2015 at 1:16:22 PM EDT
> **To:** "Straub, Gregory (MDOC)" <Straubg@michigan.gov>
> **Cc:** "Blakley, James (MDOC)" <BlakleyJ@michigan.gov>
> **Subject: Re: Flint water**
>
> There is trouble with the Flint water, but we have water brought in for the water cooler.
>
> The drinking fountains are covered so people do not use them.
>
> Warren Wilson
> Operations Administrator
> Outstate Territory
> 517 334-7037
>
> On Oct 6, 2015, at 1:12 PM, Straub, Gregory (MDOC) <Straubg@michigan.gov> wrote:
>
> > Any issues about the h2o in Flint? See below...
> >
> > Greg Straub, Administrative Assistant to Deputy Director, Russ Marlan
> > 517-285-7703
> > @MDOCFOA
> >
> > Begin forwarded message:
> >
> > > **From:** "Gautz, Chris (MDOC)" <GautzC@michigan.gov>
> > > **Date:** October 6, 2015 at 1:11:01 PM EDT
> > > **To:** "Straub, Gregory (MDOC)" <Straubg@michigan.gov>
> > > **Subject: Flint water**

Hey Greg,
I just had a meeting with the governor's office and my counterparts in the other departments and we were talking about the Flint water situation.
Have we had any feedback or concern raised from any of our parole/probations offices there?
Chris

Chris Gautz
Public Information Officer
Michigan Department of Corrections
(517) 241-0363
@chrisgautz
@MichiganDOC

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 2:08 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: RE: Draft comms agenda

Here's final -- Laura asked that the LG's request on special education task force be added. Let know if an issue in any way.

Not Responsive

Communications Update Meeting
Oct. 6 2015

- Flint water

Not Responsive

Upcoming events

Not Responsive

Interviews/requests

Not Responsive

Not Responsive

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 1:34 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Draft comms agenda

Not Responsive

On Oct 6, 2015, at 1:27 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Please see below.

Let me know if missing anything or need to remove something.

Not Responsive

Communications Update Meeting
Oct. 6 2015

- Flint water

Not Responsive

Upcoming events

Not Responsive

Not Responsive

Interviews/requests

Not Responsive

From: Moon, Jason (LARA)
Sent: Tuesday, October 06, 2015 3:27 PM
To: Murray, David (GOV)
Subject: Flint

Dave, if you need my help with anything on the Flint water situation please let me know. As a Flint native I'd be happy to pitch in.

Jason Moon
Communications Director
Dept. of Licensing and Regulatory Affairs
517-373-9280
moonj@michigan.gov

LEGAL NOTICE: This e-mail is for the exclusive use of the intended recipient(s), and may contain privileged and confidential information. If you are not an intended recipient, please notify the sender, delete the e-mail from your computer and do not copy or disclose it to anyone else. Your receipt of this message is not intended to waive any applicable privilege. Neither this e-mail nor any attachment(s) establish an attorney-client relationship, constitute an electronic signature or provide consent to contract electronically, unless expressly so stated by the sender in the body of this e-mail or an attachment.

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 3:42 PM
To: Murray, David (GOV)
Subject: Flint Water

Hey Dave – I heard that Flint water was the topic of today's PIO meeting – Please let me know how I can be helpful with comms stuff or just for collegiate support…

We need to make this look better – Im with you all the way dude…
You're doing a great job considering the issue – stand firm.

-Mel

MELANIE BROWN, DEPUTY DIRECTOR | COMMUNICATIONS AND EXTERNAL RELATIONS
STATE OF MICHIGAN DEPARTMENT OF TALENT AND ECONOMIC DEVELOPMENT
OFFICE: 517-241-1696 | CELL: PPI | BROWNM45@MICHIGAN.GOV

TALENT AND ECONOMIC DEVELOPMENT

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 4:10 PM
To: Murray, David (GOV)
Subject: RE: Flint Water

Cool - also we are trying to craft a way to help financially…whos point on this issue – who can I have Arwood talk with? Wyant?

From: Murray, David (GOV)
Sent: Tuesday, October 06, 2015 3:43 PM
To: Brown, Melanie (LARA)
Subject: RE: Flint Water

You are awesome and a huge help! I'll have some info soon and will reach out.

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 3:42 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint Water

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OFFICE: 517-241-1696 | CELL: PPI | BROWNM45@MICHIGAN.GOV

TALENT AND ECONOMIC DEVELOPMENT

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 4:30 PM
To: Dickinson, Sarah (GOV); Emmitt, Beth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Kennedy, Jordan (GOV)
Subject: Flint update

Here's a quick media update to add to the other Flint briefing and update coming from Dan Wyant.

CBS Evening News was in Flint Monday and Tuesday with coverage slated to air during tonight's 6 p.m news block nationally. Story isn't likely to be great, but should hopefully be fair and balanced. Will have ties into race, poverty, emergency management, and what state and locals did and knew when and how situation was handled.

We helped arrange interviews with DEQ Director Dan Wyant and DHHS' Cheryl Thompson, who is the deputy director for the Department's field services, an African American and also a Flint resident. They did those interviews from the now up and running water filter distribution centers at one of the two DHHS Flint offices.

They also did interviews with local Flint media.

Majority of media coverage both in Flint locally and statewide today to date has been on free water filter distribution so has been generally more positive.

Sen. Ananich was again urging immediate switch to Detroit water with comment "To me, the cost-benefit analysis that has cost on one side and brain damage for kids on the other -- it's incomprehensible."

Erin Brockovich did an exclusive interview for WJRT TV 12 that's supposed to air tonight in the 5 p.m. news and the teaser is "one of the worst situations she's ever seen."

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 5:09 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

This may be helpful in crafting materials.

Begin forwarded message:

From: "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
Date: October 6, 2015 at 5:05:10 PM EDT
To: "Scott, Allison (GOV)" <scotta12@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Dickinson, Sarah (GOV)" <DickinsonS@michigan.gov>
Subject: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

The Flint Drinking Water Action Plan was announced on October 2, 2015. It included the following:

- Testing in Flint public schools immediately
- Offered free water testing to Flint residents
- Provided free water filters to residents with concerns or who are included in state assistance programs
- Expanding health exposure testing of individual homes
- Accelerating corrosion controls in the Flint drinking water system
- Accelerating water system improvements to address replacing lead service lines
- Expediting the completion of the Karegnondi Water Authority pipeline
- Expanding a Safe Drinking Water Technical Advisory Committee
- Named Dr. Eden Wells as the Flint drinking water public health advisor
- Boosted a comprehensive lead education program

Testing in Flint Public Schools Immediately

Samples were taken on October 2 and were received at DEQ laboratory over the weekend. Test results to date indicate 37 samples tested, 4 of which exceeded a federal action level, and 1 of those 4 was a significant outlier. We will be compiling detailed information about which schools and area codes the test results came from and will be providing that information in our next update.

We have met with DHHS, and we are working on developing response protocols, a communications plan, and guidance for schools when this data is reported.

Offered Free Water Testing to Flint Residents

We have received 4 sets of samples from Flint that represent individual residents. We will be compiling the total number and the results of those samples and reporting in a future report.

Provided Free Water Filters to Residents with Concerns or Who are Included in State Assistance Programs

DHHS held organizational meetings in Flint on October 5, and filter distribution by DHHS started on October 6. Nick Lyon in DHHS is taking the lead in filter distribution.

Expanding Health Exposure Testing of Individual Homes

Dr. Wells and Dan Wyant have been in conversations about a protocol for exposure testing. Dr. Wells will take the lead on developing the protocol.

Accelerating Corrosion Controls in the Flint Drinking Water System

A conference call was held with U.S. EPA Regional Administrator Susan Hedman and national corrosion control experts. We asked two questions:

1. **Which is a safer water source – DWSD or Flint River?**
2. **If you don't have an opinion on the safer source, what criteria should we use for an evaluation?**

EPA staff would not commit to a preference, but their evaluation of the criteria clearly lead to the conclusion that DWSD was a safer water source. EPA committed to submitting technical assistance to the Safe Drinking Water Technical Advisory Committee (Advisory Committee) meeting, which will be held on October 7 at 2:00 p.m. in Flint City Hall.

DEQ met with the Flint Mayor, the city manager, and their water staff. Flint agreed to expediting corrosion controls. We discussed the agenda for the Advisory Committee meeting. The Advisory Committee will be asked to evaluate two respective water sources at their Wednesday meeting.

We expect the Advisory Committee to recommend the water source that would address not only lead safety but also other water safety issues.

Accelerating Water System Improvements to Address Replacing Lead Service Lines

Conversations with Congressman Kildee and EPA have clarified the state would be allowed to use Drinking Water Revolving Loan funds to replace private drinking water service lines. Senator Ananich has been approached to introduce language clarifying the state's authority.

Expediting the Completion of the Karegnondi Water Authority Pipeline

Dan Wyant has talked to Genesee County Drain Commissioner Jeff Wright. Mr. Wright has provided a list of issues that would help expedite the completion of the Karegnondi

Water Authority pipeline. They include truck weight and frost law exemptions, talent identification, and expediting permits.

Expanding a Safe Drinking Water Technical Advisory Committee

EPA has appointed their national technical expert to the Advisory Committee, and we have appointed Alfred Franzblau, M.D., Professor of Environmental Health Services, University of Michigan, to the Advisory Committee.

Named Dr. Eden Wells as the Flint Drinking Water Public Health Advisor

Boosted a Comprehensive Lead Education Program

Other Updates

- Dan Wyant was interviewed on October 6 by CBS Evening News during filter distribution in Flint. Questions asked were:
    - Was it a mistake to go to Flint River water?
      Answer: We draw water from the surface waters; we treat it to safe drinking water standards. At issue is lead exposure. Lead exposure must be addressed. Actions are being taken to address the issue.
    - Did you put kids at risk?
      Answer: Lead exposure is a serious issue, and steps need to be taken to limit lead exposure.
    - Why did it take so long?
      Answer: DEQ has been there from the beginning addressing the issue of Flint water. Recent tests justify and require the actions taken. Action steps address short-term, intermediate, and long-term lead issues to ensure public safety and confidence of the drinking water.

- Dan Wyant also spoke to the Governor about Flint funding needs. A meeting is scheduled for October 7 at 8:00 a.m. to further discuss proposals.

- What we are telling Flint citizens is:
    - Have your water tested
    - Use only cold water for drinking, cooking, and preparing formula
    - Run water before use if it has not been used for several hours
    - Obtain a water filter approved for lead removal
    - Purchase lead-free plumbing components
    - Remove entire lead service lines

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 5:17 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Great -- thx.

Do we have tomorrow's 8 a.m. call or meeting details yet?

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 5:09 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
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>
> - Testing in Flint public schools immediately
> - Offered free water testing to Flint residents
> - Provided free water filters to residents with concerns or who are included in state assistance programs
> - Expanding health exposure testing of individual homes
> - Accelerating corrosion controls in the Flint drinking water system
> - Accelerating water system improvements to address replacing lead service lines
> - Expediting the completion of the Karegnondi Water Authority pipeline
> - Expanding a Safe Drinking Water Technical Advisory Committee
> - Named Dr. Eden Wells as the Flint drinking water public health advisor
> - Boosted a comprehensive lead education program
>
> <u>Testing in Flint Public Schools Immediately</u>
>
> Samples were taken on October 2 and were received at DEQ laboratory over the weekend. Test results to date indicate 37 samples tested, 4 of which exceeded a federal action level, and 1 of those 4 was a significant outlier. We will be compiling

detailed information about which schools and area codes the test results came from and will be providing that information in our next update.

We have met with DHHS, and we are working on developing response protocols, a communications plan, and guidance for schools when this data is reported.

Offered Free Water Testing to Flint Residents

We have received 4 sets of samples from Flint that represent individual residents. We will be compiling the total number and the results of those samples and reporting in a future report.

Provided Free Water Filters to Residents with Concerns or Who are Included in State Assistance Programs

DHHS held organizational meetings in Flint on October 5, and filter distribution by DHHS started on October 6. Nick Lyon in DHHS is taking the lead in filter distribution.

Expanding Health Exposure Testing of Individual Homes

Dr. Wells and Dan Wyant have been in conversations about a protocol for exposure testing. Dr. Wells will take the lead on developing the protocol.

Accelerating Corrosion Controls in the Flint Drinking Water System

A conference call was held with U.S. EPA Regional Administrator Susan Hedman and national corrosion control experts. We asked two questions:

1. **Which is a safer water source – DWSD or Flint River?**
2. **If you don't have an opinion on the safer source, what criteria should we use for an evaluation?**

EPA staff would not commit to a preference, but their evaluation of the criteria clearly lead to the conclusion that DWSD was a safer water source. EPA committed to submitting technical assistance to the Safe Drinking Water Technical Advisory Committee (Advisory Committee) meeting, which will be held on October 7 at 2:00 p.m. in Flint City Hall.

DEQ met with the Flint Mayor, the city manager, and their water staff. Flint agreed to expediting corrosion controls. We discussed the agenda for the Advisory Committee meeting. The Advisory Committee will be asked to evaluate two respective water sources at their Wednesday meeting.

We expect the Advisory Committee to recommend the water source that would address not only lead safety but also other water safety issues.

Accelerating Water System Improvements to Address Replacing Lead Service Lines

Conversations with Congressman Kildee and EPA have clarified the state would be allowed to use Drinking Water Revolving Loan funds to replace private drinking water

service lines. Senator Ananich has been approached to introduce language clarifying the state's authority.

Expediting the Completion of the Karegnondi Water Authority Pipeline

Dan Wyant has talked to Genesee County Drain Commissioner Jeff Wright. Mr. Wright has provided a list of issues that would help expedite the completion of the Karegnondi Water Authority pipeline. They include truck weight and frost law exemptions, talent identification, and expediting permits.

Expanding a Safe Drinking Water Technical Advisory Committee

EPA has appointed their national technical expert to the Advisory Committee, and we have appointed Alfred Franzblau, M.D., Professor of Environmental Health Services, University of Michigan, to the Advisory Committee.

Named Dr. Eden Wells as the Flint Drinking Water Public Health Advisor

Boosted a Comprehensive Lead Education Program

Other Updates

- Dan Wyant was interviewed on October 6 by CBS Evening News during filter distribution in Flint. Questions asked were:
  - Was it a mistake to go to Flint River water?
    Answer: We draw water from the surface waters; we treat it to safe drinking water standards. At issue is lead exposure. Lead exposure must be addressed. Actions are being taken to address the issue.
  - Did you put kids at risk?
    Answer: Lead exposure is a serious issue, and steps need to be taken to limit lead exposure.
  - Why did it take so long?
    Answer: DEQ has been there from the beginning addressing the issue of Flint water. Recent tests justify and require the actions taken. Action steps address short-term, intermediate, and long-term lead issues to ensure public safety and confidence of the drinking water.

- Dan Wyant also spoke to the Governor about Flint funding needs. A meeting is scheduled for October 7 at 8:00 a.m. to further discuss proposals.

- What we are telling Flint citizens is:
  - Have your water tested
  - Use only cold water for drinking, cooking, and preparing formula
  - Run water before use if it has not been used for several hours
  - Obtain a water filter approved for lead removal
  - Purchase lead-free plumbing components
  - Remove entire lead service lines

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 6:19 PM
To: Murray, David (GOV)
Subject: h2o

Hey – quick question – whos point on the Flint water situation? TED may have some housing and MSF dollars we can contribute but need to talk with whomever is lead. Who is that??? We have a call into Wyant…
Thanks
Mel.

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 6:21 PM
To: Murray, David (GOV)
Subject: RE: h2o

Ok – thanks

From: Murray, David (GOV)
Sent: Tuesday, October 06, 2015 6:20 PM
To: Brown, Melanie (LARA)
Subject: RE: h2o

Hi Mel,

Director Wyant is the go-to guy for that kind of thing, I think.

From: Brown, Melanie (LARA)
Sent: Tuesday, October 06, 2015 6:19 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: h2o

Hey – quick question – whos point on the Flint water situation? TED may have some housing and MSF dollars we can contribute but need to talk with whomever is lead. Who is that??? We have a call into Wyant…
Thanks
Mel.

From: Kyle Feldscher <kfeldscher@washingtonexaminer.com>
Sent: Wednesday, October 07, 2015 9:02 AM
To: Murray, David (GOV)
Subject: Re: Flint water background

Hey Dave, thanks for this - unfortunately didn't see it until morning. I'll be sure to use it in future stories.

Here's the story from today: http://www.washingtonexaminer.com/epa-wont-help-flint-during-water-crisis/article/2573554

-Kyle

On Tue, Oct 6, 2015 at 11:25 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Kyle,

Here's some additional information. I do expect some additional developments this week.

Gov. Snyder believes all state residents to have access to clean, safe water. The governor and the state agencies have played a highly visible role in working with Flint city leaders with their infrastructure challenges -- and will continue to do so. We understand why people are frustrated, and also want to make sure people have accurate information and know where they can go if they have questions about their health and the water connections in their home. The health and safety of Flint residents is always the first priority, and that includes ensuring there is clean, safe drinking water -- especially for children.

Last week the state unveiled a comprehensive action plan that builds upon existing state efforts to work with Flint leaders on their infrastructure needs. That included spending $1 million on faucet fileters for every city resident, an effort that also includes assistance from non-profit and corporate donors. The state also has provided $4.2 million in grants and restructured financing to help the city locate and fix some of the problems with its water infrastructure and add the carbon filtration system. Several state agencies continue to work with Flint leaders on their water challenges including through Mayor Walling's technical advisory board. That board includes outside experts and members will study data and offer recommendations.

The Department of Environmental Quality and the Department of Health and Human Services also are testing water and working with Flint residents on issues related to what they can do if they have concerns about the pipes in their homes. The DEQ last week started testing every public school in the city and offers testing to private and parochial schools as well.

It's important to remember that the emergency manager had the final say on making the change, but did so at the strong urging of Flint city leaders.

Decisions about changes to the water system were not forced upon the city. Emergency managers often try to work closely with mayors and city councils, getting recommendations from the local communities they are serving. The decision to make the switch to the Karegnondi pipeline came after an 8-1 vote by the City Council and strong endorsement by the mayor and Genesee County leaders. The move also came after a series of upgrades to Flint's water treatment plant.

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

--
Kyle Feldscher
Energy and environment reporter
Washington Examiner
Cell: PPI
Email: kfeldscher@washingtonexaminer.com
Twitter: @Kyle_Feldscher

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Wednesday, October 07, 2015 9:46 AM
To: Murray, David (GOV)
Subject: Advisory Committee Meeting

Hi Dave,

Wanted to check if the technical advisory committee for Flint water situation is meeting today? If so-- is that meeting open to public?

Sent via the Samsung GALAXY S®4, an AT&T 4G LTE smartphone

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:41 AM
To: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: FW: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Importance: High

FYI team –

There were some rumors going around today (with an apparent FB recording of a Brita rep) and being reported by media that the filters may not be properly certified to handle lead. DHHS' toxicology lab has again confirmed that the filters being provided ARE NSF certified for lead reduction.

They are working on a statement to share for our review and then to share immediately afterward before this gets any further out of control.

Dave – please note in particular since you're with the Governor. Hopefully will be well cleared up by that time, but just in case.

From: Hertel, Elizabeth (DHHS)
Sent: Wednesday, October 07, 2015 9:16 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Fwd: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Sent from my iPhone

Begin forwarded message:

> **From:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Date:** October 7, 2015 at 9:07:54 AM EDT
> **To:** "Quiggle, Lisa (DHHS)" <QuiggleL@michigan.gov>
> **Cc:** "Dykema, Linda D. (DHHS)" <DykemaL@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>
> **Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> Sent from my iPhone
>
> On Oct 7, 2015, at 9:02 AM, Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov> wrote:

It is certified

NSF/ANSI 53
Drinking Water Treatment Units - Health Effects

The Brita Products Company

1221 Broadway
Oakland, CA 94612
United States
800-24-BRITA

Facility : # 1 Brampton, Ontario, Canada

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
Faucet Mount				
Brita Faucet Filtration System SAFF-100	FR-200	100(1)	.58	2,4-D Reduction Asbestos Reduction Alachlor Reduction Atrazine Reduction Benzene Reduction Carbofuran Reduction Carbon Tetrachloride Reduction Chlordane Reduction Chlorobenzene Reduction Endrin Reduction Ethylbenzene Reduction Lead Reduction Lindane Reduction Methoxychlor Reduction O-Dichlorobenzene Reduction Simazine Reduction Styrene Reduction Tetrachloroethylene Reduction Toluene Reduction Toxaphene Reduction Trichloroethylene Reduction Trihalomethanes (TTHM) Reductio Turbidity Reduction VOC Reduction

From: Wells, Eden (DHHS)
Sent: Wednesday, October 07, 2015 8:59 AM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

STAT: need to be sure his model NSF certified

Sent from my iPhone

Begin forwarded message:

> **From:** "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Date:** October 7, 2015 at 8:57:15 AM EDT
> **To:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Subject: Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php
>
> Sent from my iPad

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:17 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Filter Update PR
Attachments: Flint Extended Hours Press Release 10715.docx

Importance: High

All –

Attached for your review is an update about filter distribution to announce extended hours and reaffirm that these filters are certified to reduce lead in drinking water.

Please let me know as soon as possible if you have edits. We're aiming to get this out within the hour.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 7, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

State offering extended, weekend hours for water filter distribution at Lippincott GCCARD

Nearly 5,000 NSF certified filters issued by MDHHS to Flint residents since Monday

LANSING, Mich. – Flint residents and Michigan Department of Health and Human Services clients with a city of Flint water bill will now be able to take advantage of extended hours this Thursday, Friday, and Saturday at the Genesee County Community Action Resource Department 2727 Lippincott location. Extended hours will be offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.

Dr. Eden Wells, MDHHS chief medical executive, reemphasized that the Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.

"The Brita faucet filtration system that we are distributing to residents are National Sanitation Foundation certified to reduce lead in drinking water," said Dr. Eden Wells. "When connected appropriately, these filters improve water quality by filtering out contaminates including lead, chlorine, benzene and other chemicals."

Since Monday when MDHHS announced that free water filters would be distributed at four Flint locations, the state and GCCARD have partnered to issue approximately 5,000 free NSF certified water filters to residents that are on the city of Flint water system. The distribution of filters is part of the administration's comprehensive approach to addressing water concerns in the area. These NSF certified water filters remove lead in the water administered through water taps in homes.

MDHHS clients and residents with a city of Flint water bill may take advantage of the extended hours at the Lippincott GCCARD. During the regular business hours, MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location; residents on Flint water who are not currently enrolled in MDHHS assistance programs should visit the GCCARD offices at 2727 Lippincott and 601 North Saginaw. Staff will be onsite at all four locations to distribute filters and assist residents who have questions about proper installation.

MDHHS clients in the city of Flint who are active recipients should bring valid identification and a copy of their water bill to their local MDHHS office. Flint residents who are not active MDHHS clients should bring identification and their city of Flint water bill to a GCCARD location.

MDHHS is urging all residents do their part to prevent elevated blood lead levels in children. For more information prevention, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and resources, visit www.michigan.gov/flintwater.

# # #

From: Lasher, Geralyn (DHHS)
Sent: Wednesday, October 07, 2015 11:28 AM
To: Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Minicuci, Angela (DHHS)
Subject: RE: Filter Update PR

We also just got off the phone with the head of communications for NSF and they are also putting a statement out affirming that the filters purchased by MDHHS are certified for lead reduction. I will pass that statement along as soon as we get it.

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:17 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Filter Update PR
Importance: High

All –

Attached for your review is an update about filter distribution to announce extended hours and reaffirm that these filters are certified to reduce lead in drinking water.

Please let me know as soon as possible if you have edits. We're aiming to get this out within the hour.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

From: Lasher, Geralyn (DHHS)
Sent: Wednesday, October 07, 2015 11:55 AM
To: Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Wheaton, Bob (DHHS); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Tommasulo, Karen (DEQ)
Cc: Kennedy, Jordan (GOV); Ridley, Nancy (DHHS)
Subject: FW: MDHHS Filters Press Release
Attachments: NSF International Statement - Certification to Std 53.docx

FYI—attached is the statement from NSF

From: Schmitt-Reichert, Anna [mailto:aschmittreichert@nsf.org]
Sent: Wednesday, October 07, 2015 11:52 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>; Nowland-Margolis, Lizabeth <lnowlandmargolis@nsf.org>
Subject: RE: MDHHS Filters Press Release

Hi Geralyn,

It was a pleasure to speak with you just now and to confirm that NSF International has indeed certified the water filters in question. Thank you for sending your press release too.

Attached is our statement which you are welcome to use. I have also copied my colleague Liz Margolis, Communications Manager at NSF International so that you have a second contact. Liz handles our media relations.

Please let me know if you need anything else,
Anna

p.s. Dr. Wells, please stop over for a cup of coffee or lunch, I would love to show you what your neighbor does!

Anna Schmitt-Reichert
Global Director, Communications
NSF International
O: +734.827.6818 M: PPI
789 Dixboro Rd.
Ann Arbor, MI 48105 USA
www.nsf.org

From: Lasher, Geralyn (DHHS) [mailto:lasherg@michigan.gov]
Sent: Wednesday, October 07, 2015 11:42 AM
To: Schmitt-Reichert, Anna <aschmittreichert@nsf.org>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>
Subject: FW: MDHHS Filters Press Release

Thank you so much for discussing this with us Anna. We will be sending the attached press release out momentarily announcing extended hours for distribution as well as reiterating the NSF information for the filters we are currently providing.

Thank you so much for your assistance,
Geralyn

Geralyn Anne Lasher
Senior Deputy Director for External Relations and Communications
Michigan Department of Health and Human Services
201 Townsend Street, Capitol View Building
Lansing Michigan 48913
P: (517) 241-2112
C: PPI
LasherG@michigan.gov
@glasher

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:39 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Subject: MDHHS Filters Press Release

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

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reading it and do not take any action based on its contents or otherwise copy or disclose it to anyone. Any opinions or views expressed in
this transmission are solely of the author and do not necessarily represent those of NSF International or its affiliates.

NSF International Statement regarding Flint Water System Lead Issue and certification NSF International/ANSI Standard 53

NSF International, the public health and safety organization that tests and certifies residential drinking water filtration systems, has confirmed that the three water filters being distributed by officials in Flint, Michigan are currently certified by NSF International for lead reduction.

Specifically, Brita Faucet Filtration System, model number SAFF-100 (in white, black or chrome), the PUR Faucet Mount, model number FM-3700B, and the Zero Technologies Water Treatment Pour Through Pitcher, model number ZD-018, are certified for lead reduction in accordance with NSF/ANSI 53 – Drinking Water Treatment Unit Standard for Health Effects.

Individuals wishing to verify that a specific filter is NSF certified can do so via the NSF website. Here are the links to verify each certification: Brita Faucet Filter System SAFF-100, PUR Faucet Water Filter System and the Zero Water Technologies Water Pitcher Filtration System

Consumers can contact NSF International at info@nsf.org or 1-800-673-8010 for any additional questions.

Media requests regarding NSF International please contact Liz Nowland-Margolis at lnowlandmargolis@nsf.org or 734-418-6624.

Additionally NSF International has other resources for the consumer regarding drinking water safety:

- Listing of NSF International certified products to reduce lead in water
- Lead in Drinking Water (discusses sources of lead, home treatment options, etc.)
- Changing Water Filters
- Guide to Contaminant Reduction claims
- Standards for Water Treatment Systems
- Understanding Consumer Confidence Reports (CCRs)

From: Davey, Monica <davey@nytimes.com>
Sent: Wednesday, October 07, 2015 12:17 PM
To: Murray, David (GOV)
Subject: Fwd: Flint water story -- filing today

Dave:
Sorry to bother you but I am starting to get worried that Sara isn't getting my emails.
Is she out of pocket today?
Can you help me with this?
Best,
Monica
312 543 4883
---------- Forwarded message ----------
From: **Davey, Monica** <davey@nytimes.com>
Date: Wed, Oct 7, 2015 at 10:48 AM
Subject: Re: Flint water story -- filing today
To: Sara Wurfel <wurfels@michigan.gov>

Sara:
Can you let me know if you are receiving my emails?
Should I send to Dave Murray instead?
Can you just give me an update on whether you are getting my notes?
Monica

On Wed, Oct 7, 2015 at 8:48 AM, Davey, Monica <davey@nytimes.com> wrote:
Sara:
Just making sure you received this.
And wondering, given all, whether someone from the state -- the gov or someone -- could talk to me about what's happened on this.
I want to be sure to get the state's view in here. And I feel like the city is pointing to the state as responsible since the emergency manager was in charge when the choice was made to go to the river.
You have time for a call? 312 543 4883.
Monica

On Wed, Oct 7, 2015 at 6:42 AM, Davey, Monica <davey@nytimes.com> wrote:
Sara:

I'm doing a piece for tomorrow's paper about the Flint lead situation.

A few questions for you:
1) I listened to the governor's briefing last week and I believe he said this: "We all have a concern about Flint's drinking water in terms of what we're seeing on lead."
Others have quoted it differently, this way: "We all have a concern about Flint's drinking water in terms IN what we're seeing on lead."
Can you help me know which is accurate?

2) Any new developments from the state in terms of a return to Detroit or some other plan?

3)
Do these sentences seem factually accurate to you:
State officials last week called for the testing of drinking water at all Flint public schools and expedited efforts to replace lead service lines, and promised $1 million to provide filters for residents.

Also separately: And blood tests released by a local pediatrician – and corroborated last week by state officials analyzing their own testing – showed an increase in elevated levels of lead in children in some Flint neighborhoods since 2014 when the city began drawing water from the river.

4) The city said the decision to go to Flint River water was made under the state appointed emergency manager. Does the governor want to comment on the EM's role in this? And does he want to comment on the possibility of state funds for a return to Detroit water?

Thanks
Monica

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 12:26 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Are we using the filter recommended by Susan at EPA?

Best,
Harvey

On Oct 7, 2015, at 10:41 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> FYI team –
>
> There were some rumors going around today (with an apparent FB recording of a Brita rep) and being reported by media that the filters may not be properly certified to handle lead. DHHS' toxicology lab has again confirmed that the filters being provided ARE NSF certified for lead reduction.
>
> They are working on a statement to share for our review and then to share immediately afterward before this gets any further out of control.
>
> Dave – please note in particular since you're with the Governor. Hopefully will be well cleared up by that time, but just in case.
>
> ---
>
> **From:** Hertel, Elizabeth (DHHS)
> **Sent:** Wednesday, October 07, 2015 9:16 AM
> **To:** Wurfel, Sara (GOV) <Wurfels@michigan.gov>
> **Subject:** Fwd: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> > **Date:** October 7, 2015 at 9:07:54 AM EDT
> > **To:** "Quiggle, Lisa (DHHS)" <QuiggleL@michigan.gov>
> > **Cc:** "Dykema, Linda D. (DHHS)" <DykemaL@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>

Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Sent from my iPhone

On Oct 7, 2015, at 9:02 AM, Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov> wrote:

It is certified

NSF/ANSI 53
Drinking Water Treatment Units - Health Effects

The Brita Products Company

1221 Broadway
Oakland, CA 94612
United States
800-24-BRITA

Facility : # 1 Brampton, Ontario, Canada

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
Faucet Mount				
Brita Faucet Filtration System SAFF-100	FR-200	100(1)	.58	2,4-D Reduction Asbestos Reduction Alachlor Reduction Atrazine Reduction Benzene Reduction Carbofuran Reduction Carbon Tetrachloride Rec Chlordane Reduction Chlorobenzene Reductior Endrin Reduction Ethylbenzene Reduction Lead Reduction Lindane Reduction Methoxychlor Reduction

O-Dichlorobenzene Reduc
Simazine Reduction
Styrene Reduction
Tetrachloroethylene Redu
Toluene Reduction
Toxaphene Reduction
Trichloroethylene Reduct
Trihalomethanes (TTHM)
Turbidity Reduction
VOC Reduction

From: Wells, Eden (DHHS)
Sent: Wednesday, October 07, 2015 8:59 AM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

STAT: need to be sure his model NSF certified

Sent from my iPhone

Begin forwarded message:

> **From:** "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Date:** October 7, 2015 at 8:57:15 AM EDT
> **To:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Subject: Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php
>
> Sent from my iPad

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 1:07 PM
To: Hollins, Harvey (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: RE: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters
Attachments: Flint Extended Hours Press Release 10715.docx; FW: MDHHS Filters Press Release

Not sure what you're referring to Harvey, but … all the filters the state is distributing are NSF certified, which is what is needed to address lead.

Here's the media release from DHHS as well as statement from NSF confirming as well.

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 12:26 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Paciorek, Josh (GOV) <Pacioreki@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Are we using the filter recommended by Susan at EPA?

Best,
Harvey

On Oct 7, 2015, at 10:41 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> FYI team –
>
> There were some rumors going around today (with an apparent FB recording of a Brita rep) and being reported by media that the filters may not be properly certified to handle lead. DHHS' toxicology lab has again confirmed that the filters being provided ARE NSF certified for lead reduction.
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> They are working on a statement to share for our review and then to share immediately afterward before this gets any further out of control.
>
> Dave – please note in particular since you're with the Governor. Hopefully will be well cleared up by that time, but just in case.
>
> ---
>
> **From:** Hertel, Elizabeth (DHHS)
> **Sent:** Wednesday, October 07, 2015 9:16 AM

To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Fwd: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Sent from my iPhone

Begin forwarded message:

> **From:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Date:** October 7, 2015 at 9:07:54 AM EDT
> **To:** "Quiggle, Lisa (DHHS)" <QuiggleL@michigan.gov>
> **Cc:** "Dykema, Linda D. (DHHS)" <DykemaL@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>
> **Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> Sent from my iPhone
>
> On Oct 7, 2015, at 9:02 AM, Quiggle, Lisa (DHHS) <QuiggleL@michigan.gov> wrote:
>
> It is certified
>
> **NSF/ANSI 53**
> **Drinking Water Treatment Units - Health Effects**
>
> ---
>
> The Brita Products Company
> 1221 Broadway
> Oakland, CA 94612
> United States
> 800-24-BRITA
>
> **Facility :** # 1 Brampton, Ontario, Canada
>
> Replacement Service Cycle Flow Rate

Brand Name / Trade Name / Model	Element	(gallons)	(gpm)	Claim
Faucet Mount				
Brita Faucet Filtration System SAFF-100	FR-200	100(1)	.58	2,4-D Reduction Asbestos Reduction Alachlor Reduction Atrazine Reduction Benzene Reduction Carbofuran Reduction Carbon Tetrachloride Red Chlordane Reduction Chlorobenzene Reduction Endrin Reduction Ethylbenzene Reduction Lead Reduction Lindane Reduction Methoxychlor Reduction O-Dichlorobenzene Reduc Simazine Reduction Styrene Reduction Tetrachloroethylene Red Toluene Reduction Toxaphene Reduction Trichloroethylene Reduct Trihalomethanes (TTHM) Turbidity Reduction VOC Reduction

From: Wells, Eden (DHHS)
Sent: Wednesday, October 07, 2015 8:59 AM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

STAT: need to be sure his model NSF certified

Sent from my iPhone

Begin forwarded message:

> **From:** "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Date:** October 7, 2015 at 8:57:15 AM EDT
> **To:** "Wells, Eden (DHHS)" <WellsE3@michigan.gov>
> **Subject: Brita SAFF-100 faucet filter and other Brita faucet water filters**
>
> http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php

Sent from my iPad

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 7, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

State offering extended, weekend hours for water filter distribution at Lippincott GCCARD

Nearly 5,000 NSF certified filters issued by MDHHS to Flint residents since Monday

LANSING, Mich. – Flint residents and Michigan Department of Health and Human Services clients with a city of Flint water bill will now be able to take advantage of extended hours this Thursday, Friday, and Saturday at the Genesee County Community Action Resource Department 2727 Lippincott location. Extended hours will be offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.

Dr. Eden Wells, MDHHS chief medical executive, reemphasized that the Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.

"The Brita faucet filtration system that we are distributing to residents are National Sanitation Foundation certified to reduce lead in drinking water," said Dr. Eden Wells. "When connected appropriately, these filters improve water quality by filtering out contaminates including lead, chlorine, benzene and other chemicals."

Since Monday when MDHHS announced that free water filters would be distributed at four Flint locations, the state and GCCARD have partnered to issue approximately 5,000 free NSF certified water filters to residents that are on the city of Flint water system. The distribution of filters is part of the administration's comprehensive approach to addressing water concerns in the area. These NSF certified water filters remove lead in the water administered through water taps in homes.

MDHHS clients and residents with a city of Flint water bill may take advantage of the extended hours at the Lippincott GCCARD. During the regular business hours, MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location; residents on Flint water who are not currently enrolled in MDHHS assistance programs should visit the GCCARD offices at 2727 Lippincott and 601 North Saginaw. Staff will be onsite at all four locations to distribute filters and assist residents who have questions about proper installation.

MDHHS clients in the city of Flint who are active recipients should bring valid identification and a copy of their water bill to their local MDHHS office. Flint residents who are not active MDHHS clients should bring identification and their city of Flint water bill to a GCCARD location.

MDHHS is urging all residents do their part to prevent elevated blood lead levels in children. For more information prevention, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and resources, visit www.michigan.gov/flintwater.

# # #

From: Lasher, Geralyn (DHHS)
Sent: Wednesday, October 07, 2015 11:55 AM
Subject: FW: MDHHS Filters Press Release
Attachments: NSF International Statement - Certification to Std 53.docx

FYI—attached is the statement from NSF

From: Schmitt-Reichert, Anna [mailto:aschmittreichert@nsf.org]
Sent: Wednesday, October 07, 2015 11:52 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>; Nowland-Margolis, Lizabeth <lnowlandmargolis@nsf.org>
Subject: RE: MDHHS Filters Press Release

Hi Geralyn,

It was a pleasure to speak with you just now and to confirm that NSF International has indeed certified the water filters in question. Thank you for sending your press release too.

Attached is our statement which you are welcome to use. I have also copied my colleague Liz Margolis, Communications Manager at NSF International so that you have a second contact. Liz handles our media relations.

Please let me know if you need anything else,
Anna

p.s. Dr. Wells, please stop over for a cup of coffee or lunch, I would love to show you what your neighbor does!

Anna Schmitt-Reichert
Global Director, Communications
NSF International
O: +734.827.6818 M: PPI
789 Dixboro Rd.
Ann Arbor, MI 48105 USA
www.nsf.org

From: Lasher, Geralyn (DHHS) [mailto:lasherg@michigan.gov]
Sent: Wednesday, October 07, 2015 11:42 AM
To: Schmitt-Reichert, Anna <aschmittreichert@nsf.org>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>
Subject: FW: MDHHS Filters Press Release

Thank you so much for discussing this with us Anna. We will be sending the attached press release out momentarily announcing extended hours for distribution as well as reiterating the NSF information for the filters we are currently providing.

Thank you so much for your assistance,
Geralyn

Geralyn Anne Lasher
Senior Deputy Director for External Relations and Communications
Michigan Department of Health and Human Services
201 Townsend Street, Capitol View Building
Lansing Michigan 48913
P: (517) 241-2112
C: PPI
LasherG@michigan.gov
@glasher

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:39 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Subject: MDHHS Filters Press Release

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

NOTICE: This email and its contents/attachments may be confidential and are intended solely for the individual to whom it is addressed.
If you are not the named addressee or if this email is otherwise received in error, please immediately notify the sender without
reading it and do not take any action based on its contents or otherwise copy or disclose it to anyone. Any opinions or views expressed in
this transmission are solely of the author and do not necessarily represent those of NSF International or its affiliates.

NSF International Statement regarding Flint Water System Lead Issue and certification NSF International/ANSI Standard 53

NSF International, the public health and safety organization that tests and certifies residential drinking water filtration systems, has confirmed that the three water filters being distributed by officials in Flint, Michigan are currently certified by NSF International for lead reduction.

Specifically, Brita Faucet Filtration System, model number SAFF-100 (in white, black or chrome), the PUR Faucet Mount, model number FM-3700B, and the Zero Technologies Water Treatment Pour Through Pitcher, model number ZD-018, are certified for lead reduction in accordance with NSF/ANSI 53 – Drinking Water Treatment Unit Standard for Health Effects.

Individuals wishing to verify that a specific filter is NSF certified can do so via the NSF website. Here are the links to verify each certification: Brita Faucet Filter System SAFF-100, PUR Faucet Water Filter System and the Zero Water Technologies Water Pitcher Filtration System

Consumers can contact NSF International at info@nsf.org or 1-800-673-8010 for any additional questions.

Media requests regarding NSF International please contact Liz Nowland-Margolis at lnowlandmargolis@nsf.org or 734-418-6624.

Additionally NSF International has other resources for the consumer regarding drinking water safety:

- Listing of NSF International certified products to reduce lead in water
- Lead in Drinking Water (discusses sources of lead, home treatment options, etc.)
- Changing Water Filters
- Guide to Contaminant Reduction claims
- Standards for Water Treatment Systems
- Understanding Consumer Confidence Reports (CCRs)

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 1:29 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: Flint Water FY 2016 Supplemental Budget Request
Attachments: Flint Water FY 2016 Supplemental Budget Request.docx

FYI

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 07, 2015 12:59 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: FW: Flint Water FY 2016 Supplemental Budget Request

info

From: Pallone, Maggie (DEQ)
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Krisztian, George (DEQ)
Subject: Flint Water FY 2016 Supplemental Budget Request

This went to SBO moments ago

DRAFT Flint Water FY 2016 Supplemental Budget Request

1. $1 Million for Filters

The $1 million for filters will be used to purchase filters for households in Flint that do not qualify for assistance under any of the DHHS assistance programs. Filters for those residents will be paid for out of funding already in place in DHHS' budget. Each filter cost $20 and were ordered in bulk through Home Depot. Filters are being distributed through local public health, with documentation filed for each filter handed out.

2. $6 Million for switch from Flint River to DWSD

It will cost the City of Flint an additional $1.3 million per month to use DWSD instead of the Flint River. The State and the City agreed to split the cost until June 2016, when the new Karegnondi Water Authority will be completed and Flint will switch to that water source. ($1.3 million for 9 months)

3. $1.5 Million for 12 additional staff to do community Lead Exposure Testing

DEQ, DHHS and LARA are assembling a team to go into schools and high risk homes to test for lead exposure. The request is for 8 staff for DHHS, 2 staff for DEQ and 2 staff for LARA.

4. $1 Million for evaluating sample results at the State Lab

The new testing protocols for schools will require each faucet in the school to be tested and evaluated at the State lab. In addition, lead exposure testing in homes will result in tens of thousands more samples that will be need to processed. Each sample costs $26 to process.

Total Ask: $9.5 Million

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 2:02 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: two questions from Gov

Still working on clarifying A to #1 -- three varied answers so far. Teams are working to verify and ensure 100%.

I believe that's right approach on #2 -- though Ananich may require slightly more lead time as Dennis and Dan may push for. Though I don't think he will keep the news until then so that definitely has to be considered. And do we want him and/or Reps. Neely and Phelps there? And if so, speaking?

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 07, 2015 1:19 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: two questions from Gov

1) What is our Comms response to the question: What happens in rest of the state regarding water testing in schools?

2) Gov is meeting with SML and Speaker this afternoon, but when do we inform Ananich and Greimel? On this one, I assume we are inviting Ananich tomorrow morning and we can just tell Greimel at that same time, right? What time are we doing that?

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 2:03 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV)
Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

Thanks Sara. I was referencing the specs that Susan gave over the phone on 9/28 during the meeting at DEQ. Water under the bridge given NSF's confirmation.

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)
PPI (Cell)

On Oct 7, 2015, at 1:06 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

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> **Subject:** Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters
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> Are we using the filter recommended by Susan at EPA?
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> Best,
> Harvey
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> > FYI team –

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They are working on a statement to share for our review and then to share immediately afterward before this gets any further out of control.

Dave – please note in particular since you're with the Governor. Hopefully will be well cleared up by that time, but just in case.

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> **Cc:** "Dykema, Linda D. (DHHS)" <DykemaL@michigan.gov>, "Lyon, Nick (DHHS)" <LyonN2@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Moran, Susan (DHHS)" <MoranS@michigan.gov>
> **Subject: Re: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters**
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> > It is certified
> >
> > **NSF/ANSI 53**
> > **Drinking Water Treatment Units - Health Effects**

The Brita Products Company

1221 Broadway
Oakland, CA 94612
United States
800-24-BRITA

Facility : # 1 Brampton, Ontario, Canada

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
Faucet Mount				
Brita Faucet Filtration System SAFF-100	FR-200	100(1)	.58	2,4-D Reduction Asbestos Reduct Alachlor Reducti Atrazine Reduct Benzene Reduct Carbofuran Redu Carbon Tetrachl Chlordane Reduc Chlorobenzene F Endrin Reductio Ethylbenzene Re Lead Reduction Lindane Reducti Methoxychlor Re O-Dichlorobenze Simazine Reduct Styrene Reductio Tetrachloroethy Toluene Reducti Toxaphene Redu Trichloroethyler Trihalomethanes Turbidity Reduct VOC Reduction

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Sent: Wednesday, October 07, 2015 8:59 AM
To: Dykema, Linda D. (DHHS); Quiggle, Lisa (DHHS)
Subject: STAT:Brita SAFF-100 faucet filter and other Brita faucet water filters

STAT: need to be sure his model NSF certified

Sent from my iPhone

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http://searchwaterfilters.com/brita/faucet-water-filter/brita-saff-100.php

Sent from my iPad

<Flint Extended Hours Press Release 10715.docx>

<mime-attachment>

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 07, 2015 2:13 PM
To: Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS)
Subject: 151008. News release
Attachments: 151008. News release.docx

EARLY cut. Karen drafted, I've edited, nobody else has seen it yet, so please have at it. Thanks.
b

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – To protect Flint families and children, Gov. Rick Snyder today announced Flint will switch back to purchasing its drinking water from the Great Lakes Water Authority.

The city requested the state's help to fund the $12 million switch after a meeting of Flint's Technical Advisory Committee on Wednesday afternoon. The state agreed to match the City's costs for the reconnection effort. Flint will provide $2 million, and the Mott Foundation will donate $4 million toward the City's portion.

Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

State agencies today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agreed this move back to the Great Lakes Water Authority provides the best public health protection for children and families. I appreciate Detroit's willingness to bring Flint back online, the Mott Foundation's generous donation, and the dedication of all parties to work together to protect Flint families and kids."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues than are shallower rivers. Additionally, Detroit has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, the move to Detroit water will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, until all lead pipes and plumbing are replaced, some households in the city could experience lead in their drinking water.

To best protect public health, Snyder and MDHHS advise residents to continue using water filters. Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its free lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 07, 2015 2:44 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Wurfel, Brad (DEQ); Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: FW: Flint water finance question

Sara & Dave...

Meant to send this earlier...but apparently didn't hit "send."

FYI—see below from Jacob. Given plan for tomorrow...please advise on how you want to proceed.

TS

From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Wednesday, October 07, 2015 12:00 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: Flint water finance question

Terry,

I know Flint is under the RTAB now, but would you be able to help connect me with someone that might be able to tell me just how much it would cost to connect the city back to the DWSD water supply? Let me know if you could help out today. Thanks!

--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

From: Kennedy, Jordan (GOV)
Sent: Wednesday, October 07, 2015 2:51 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV)
Subject: MA for review

Importance: High

Team—

Below is the media advisory for tomorrow. The Livestream portion is highlighted because we are still checking to make sure the venue has livestreaming capabilities.

Wednesday, Oct. 7, 2015
Contact: Sara Wurfel or Dave Murray
Office: 517-335-6397

Editor's note: Media must present valid press credentials on site.

Thursday, Oct. 8 at 10 a.m.
Gov. Rick Snyder will make an announcement regarding the Flint water system. He will be joined by Flint Mayor Dayne Walling, Director of Environmental Quality, Dan Wyant, Director of the Department of Health and Human Services, Nick Lyon, Dr. Eden Wells, Chief Medical Executive at DHHS, and Ridgway White of the Charles Stewart Mott Foundation.

A livestream option is also available at [redacted]. If you wish to embed the event please visit [redacted] for more information.

Location:
Mott Foundation Building – Ground Floor
503 S. Saginaw St.
Flint, MI

Thursday, Oct. 8 at 7 p.m.
Snyder will offer remarks at the Celebration of Life Gala supporting Magen David Adom (Israel's national 911 and emergency services).

Location:
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Jordan Kennedy
Communications Representative

Executive Office of Governor Rick Snyder
Phone: 517.335.6397

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Sent: Wednesday, October 07, 2015 3:18 PM
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To: Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: RE: MA for review

I hope so, though the exact timing will depend on the conclusion of technical advisory meeting in Flint and outcome, which we have been told to count on around 4:30 p.m. We'll have to play this by ear.

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Cc: Paciorek, Josh (GOV)
Subject: RE: MA for review

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Executive Office of Governor Rick Snyder
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From: Roberto Acosta [RACOSTA1@mlive.com]
Sent: Wednesday, October 07, 2015 4:50 PM
To: Murray, David (GOV)
Subject: Roberto Acosta, Flint Journal

Hi Dave,

This is Roberto Acosta with The Flint Journal.

I was trying to reach the governor's office for a comment on the recommendation made by a blue ribbon panel of water experts Wednesday, Oct. 7, for the city of Flint to reconnect to Detroit water as soon as possible.

The recommendation was made during a meeting at Flint City Hall by the Technical Advisory Committee that was formed earlier this year by Flint Mayor Dayne Walling and includes an expert from the U.S. Environmental Protection Agency.

If there is any comment that could be provided this afternoon by the governor's office, it would be greatly appreciated.

Thank you for your time and consideration of this request,

Roberto Acosta
Flint Journal Reporter
(810) 429-3865
racosta1@mlive.com

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 4:57 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Updated MDHHS Talking Points
Attachments: Flint Water Talking Points 100715.docx

Attached talking points updated to include info re: extended hours for water filter distribution, school testing results, NSF filter certification.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

Blood Lead Levels in Flint Talking Points
October 7, 2015

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Extended hours are being offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS currently serves approximately 25,000 households in Flint.

School Testing and Results

- The state today also released the first results from its free lead screening program in schools.
- Out of 13 buildings tested, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.
- However, this sampling provides only an initial screen, and MDHHS toxicologists will work with DEQ to conduct further testing.
- Schools on the Flint water system should continue using filtered or bottled water to protect against potential lead exposure.

Background Information

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.

- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.

- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 4:58 PM
To: Murray, David (GOV); Eisner, Jennifer (DHHS)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Wurfel, Sara (GOV); Lasher, Geralyn (DHHS)
Subject: RE: 151008. News release

We're still getting some questions answered on our end but for now, the only edit I have would be to define DEQ and MDHHS in the fourth paragraph where it begins with 'State agencies today…'

For the event tomorrow, we have an outline of what Nick and Eden would cover below:

Director Lyon
Recommendations for residents
Recommendations for schools
Additional MDHHS staff available to assist with data and case management

Eden Wells
NSF Certification
Additional testing?
Lead exposure reduction tips

Angela

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 4:02 PM
To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Re: 151008. News release

I'm looking at it now, too!

Sent from my iPhone

On Oct 7, 2015, at 3:59 PM, Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov> wrote:

> For real this time
>
> Jennifer (Smith) Eisner
> Public Information Officer
> Michigan Department of Health and Human Services
> 517-241-2112
>
> ---
>
> **From:** Wurfel, Brad (DEQ)
> **Sent:** Wednesday, October 07, 2015 2:13 PM
> **To:** Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Wurfel, Sara (GOV)

<Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: 151008. News release

EARLY cut. Karen drafted, I've edited, nobody else has seen it yet, so please have at it. Thanks.
b

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 5:17 PM
To: Stanton, Terry A. (Treasury)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Kennedy, Jordan (GOV)
Subject: Re: Flint water finance question

Terry - sorry to leave you hanging. We say either don't respond, or just tell him to stay tuned and he'll have an answer tomorrow morning. We will be sending advisory momentarily.

Sent from my iPhone

On Oct 7, 2015, at 2:43 PM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

> Sara & Dave...
>
> Meant to send this earlier...but apparently didn't hit "send."
>
> FYI—see below from Jacob. Given plan for tomorrow...please advise on how you want to proceed.
>
> TS
>
> **From:** Jacob Kanclerz [mailto:jacob@mirsnews.com]
> **Sent:** Wednesday, October 07, 2015 12:00 PM
> **To:** Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
> **Subject:** Flint water finance question
>
> Terry,
>
> I know Flint is under the RTAB now, but would you be able to help connect me with someone that might be able to tell me just how much it would cost to connect the city back to the DWSD water supply? Let me know if you could help out today. Thanks!
>
> --
> Jacob Kanclerz
> Reporter, MIRS News
> Office: 517-482-2125
> Cell: PPI
> Twitter: @jacobkanclerz

From: Roberto Acosta <RACOSTA1@mlive.com>
Sent: Wednesday, October 07, 2015 5:20 PM
To: Murray, David (GOV)
Subject: Re: Roberto Acosta, Flint Journal

Thank you Dave.

> On Oct 7, 2015, at 5:19 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Hello Roberto.
>
> We're in a meeting right now and can't call back.
>
> We continue to work with Flint city and community leaders about potential next steps.
>
> Sent from my iPhone
>
> On Oct 7, 2015, at 4:49 PM, Roberto Acosta <RACOSTA1@mlive.com<mailto:RACOSTA1@mlive.com>> wrote:
>
> Hi Dave,
>
> This is Roberto Acosta with The Flint Journal.
>
> I was trying to reach the governor's office for a comment on the recommendation made by a blue ribbon panel of water experts Wednesday, Oct. 7, for the city of Flint to reconnect to Detroit water as soon as possible.
>
> The recommendation was made during a meeting at Flint City Hall by the Technical Advisory Committee that was formed earlier this year by Flint Mayor Dayne Walling and includes an expert from the U.S. Environmental Protection Agency.
>
> If there is any comment that could be provided this afternoon by the governor's office, it would be greatly appreciated.
>
> Thank you for your time and consideration of this request,
>
> Roberto Acosta
> Flint Journal Reporter
> (810) 429-3865
> racosta1@mlive.com<mailto:racosta1@mlive.com>

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 07, 2015 5:21 PM
To: Heaton, Anna (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Kennedy, Jordan (GOV)
Subject: RE: Flint water finance question

No problem...thanks.

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 5:17 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Cc: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Subject: Re: Flint water finance question

Terry - sorry to leave you hanging. We say either don't respond, or just tell him to stay tuned and he'll have an answer tomorrow morning. We will be sending advisory momentarily.

Sent from my iPhone

On Oct 7, 2015, at 2:43 PM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

> Sara & Dave...
>
> Meant to send this earlier...but apparently didn't hit "send."
>
> FYI—see below from Jacob. Given plan for tomorrow...please advise on how you want to proceed.
>
> TS
>
> **From:** Jacob Kanclerz [mailto:jacob@mirsnews.com]
> **Sent:** Wednesday, October 07, 2015 12:00 PM
> **To:** Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
> **Subject:** Flint water finance question
>
> Terry,
>
> I know Flint is under the RTAB now, but would you be able to help connect me with someone that might be able to tell me just how much it would cost to connect the city back to the DWSD water supply? Let me know if you could help out today. Thanks!
>
> --
> Jacob Kanclerz
> Reporter, MIRS News
> Office: 517-482-2125

Cell: PPI
Twitter: @jacobkanclerz

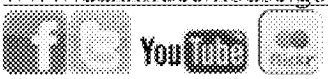
From: Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
Sent: Wednesday, October 07, 2015 5:38 PM
To: Brown, Eric (GOV); Mcbride, Bill (GOV); Wurfel, Brad (DEQ); Pallone, Maggie (DEQ); Murray, David (GOV); Emmitt, Beth (GOV)
Subject: Cong. Kildee Response to Gov. Snyder Letter
Attachments: 100715 Response to 100215 Snyder Letter.pdf; 09-22-15 Kildee Requesting Temporary Assistance for Lead in Flint Water.pdf; 03-27-15 - SRF Loan Forgiveness for Flint - EPA (McCarthy).pdf

Hi Everyone,

Please see the attached letter to Governor Snyder. Can you make sure he sees it? Congressman Kildee is looking forward to the call with Governor Snyder tomorrow to hear updates on the Flint water emergency.

Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: (202) 225-3611
www.dankildee.house.gov



Sign up for Congressman Dan Kildee's e-newsletter

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

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FINANCIAL SERVICES

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House of Representatives
Washington, DC 20515

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/REPDANKILDEE
@REPDANKILDEE

October 7, 2015

Governor Rick Snyder
Executive Office of the Governor
P.O. Box 30013
Lansing, Michigan 48909

Governor Snyder,

Thank you for your letter on October 2, 2015, regarding the state of Michigan's plans to respond to the crisis regarding the drinking water in Flint, Mich. I encourage you to immediately implement the action plan outlined so that Flint residents can have safe drinking water.

Moreover, you asked for my assistance in working with federal agencies to address this issue. Due to the urgent nature of this issue, I want to update you that my staff and I are working closely with Senators Stabenow and Peters and have been in communication with the appropriate agencies. I will continue to do everything I can to help address this issue at the federal level.

On September 22, 2015, I previously wrote letters to the U.S. Environmental Protection Agency, Department of Health and Human Services, Centers for Disease Control and Federal Emergency Management Agency requesting immediate assistance to provide safe drinking water to Flint.

In addition, on March 26, 2015, I sent a letter to the U.S. Environmental Protection Agency asking them to clarify if there is any statutory limitation on states to forgive the principal on loans made through the Safe Drinking Water State Revolving Fund.

Again, thank you for beginning to utilize your office's resources to help address the water quality in Flint. I look forward to working with you on the shared goal of helping the residents of Flint have safe drinking water.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

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September 22, 2015

Secretary Sylvia Matthews Burwell
U.S. Department of Health & Human Services
HHS Office of the Secretary
200 Independence Avenue, S.W.
Washington, DC 20201

Administrator William Craig Fugate
Federal Emergency Management Agency
500 C Street, S.W.
Washington, DC 20472

Administrator Gina McCarthy
Environmental Protection Agency
Office of the Administrator 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Director Tom Frieden
Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329

Secretary Burwell, Administrator McCarthy, Administrator Fugate and Director Frieden:

Recent developments regarding the level of lead in the water in one of the communities I represent, Flint, Mich., have raised significant concerns about the safety of its drinking water. For this reason, I am requesting immediate resources to provide safe drinking water to the residents of Flint until additional testing can be completed that confirms the water is safe, particularly for young children.

Although the city of Flint and the Michigan Department of Environmental Quality have conducted tests and taken the position that the lead level in the water is safe and below the action level, there are significant questions about the efficacy of their testing. In fact, Dr. Marc Edwards of Virginia Tech University, an established drinking water expert, conducted his own tests as part of a study that determined the water in Flint was above the lead action level.

Additionally, yesterday the Greater Flint Health Coalition, a group of health professionals in the community, released a report showing elevated blood lead levels in residents in Flint, particularly in young children. In response, the Coalition has requested that the Genesee County Health Department release a health advisory indicating that the water in Flint is unsafe to drink.

Thus, I am requesting resources from your agency to provide clean drinking water to the residents of Flint until additional testing can determine when the water will be safe to drink and a long-term solution can be implemented.

This is a serious health issue, particularly for young children, and until the water is demonstrated to be safe, immediate action must be taken to ensure Flint's residents have potable drinking water.

I look forward to working with you and thank you for your immediate attention.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

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PLAZA LEVEL
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(810) 238-8658 (FAX)

March 26, 2015

Ms. Gina McCarthy
Administrator, Environmental Protection Agency
1101 A
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Dear Administrator McCarthy:

My office has reached out to both the Office of Congressional and Intergovernmental Relations at the Environmental Protection Agency (EPA) and the Congressional Research Service (CRS) to determine if there are any statutory limitations on states to forgive the principal on loans made through the Safe Drinking Water State Revolving Fund (SDWSRF) program. After talking to both of these offices, there seems to be a difference in legal opinion between the two interpretations as to whether forgiveness of principal is statutorily allowed, and I am requesting further clarification.

The City of Flint, Mich., located in my district, continues to endure prolonged and severe financial stress due to the loss of thousands of manufacturing jobs, resulting in population loss and an erosion of its tax base. In an effort to improve the city's financial stability, Flint decided to end its 50-plus-year affiliation with the City of Detroit Water and Sewage Department in April of 2013. Instead, Flint would become a partner in the Karegnondi Water Authority (KWA) to bring raw water from Lake Huron to the city.

The water contract between the City of Detroit Water and Sewage Department and Flint was terminated in May of 2014.The KWA, however, will not be able to provide water to the city until its pipeline from Flint to Lake Huron is completed at the end of 2016. To fill the gap in service until the KWA is completed, Flint has turned to the Flint River as its current source for raw water. The Flint River has proven to have an inconsistent quality because of high levels of organic matter. Flint water officials have used high levels of trihalomethanes to treat the occasional elevated levels of organic matter in the water. On December 16, 2014, the Michigan Department of Environmental Quality cited the city for being in violation of water standards determined by the Safe Drinking Water Act (SDWA) due to high levels of trihalomethanes. In accordance with the SDWA, a cautionary notice about the citation was subsequently sent to residents.

Since its citation, Flint has engaged local and state leaders to find a solution for the poor quality of the water. On February 3, 2015, the state gave the city close to $2 million to hire consultants to assess the condition and find leaks in the water infrastructure system. While this funding is a step in the right direction, it is not nearly enough to significantly improve the water quality.

This background on Flint's water situation is to point out that the SDWA is intended to improve drinking water in America's cities, such as Flint, by creating water quality standards and funding the SDWSRF to invest in water infrastructure. In addition to the high levels of trihalomethanes, the poor condition of water infrastructure in Flint, regardless of the water's source, contributes to discolored and poor tasting water. Furthermore, Flint currently suffers an over 35 percent loss ratio of water between the treatment plant and the end user. In the past, Flint has benefitted from the SDWSRF and currently has close to $22 million in outstanding loans from it that the city has used to repair the water system. The financial stress of making payments on these loans, however, has prevented the city from making the necessary ongoing investments to its water infrastructure.

To decrease the burden of these loans, on January 18, 2015, Flint requested that the state of Michigan, as the responsible party in appropriating funds from the SDWSRF to local governments, forgive part of the principal. The state responded that forgiving the principal is not an option as the state does not have the authority to do so.

In response to the state's reply, on February 10, 2015, my staff reached out to the Office of Congressional and Intergovernmental Relations at the EPA to ask if they were aware of any statutory language that prevents principal forgiveness of loans made under the SDWSRF. On February 25, 2015, the EPA responded that they "could find … no provision that would allow a state to [forgive an existing loan made from a Safe Drinking Water Act state revolving fund]."

On February 23, 2015, my staff also reached out to the CRS for their legal opinion on this matter. Although they could not find any precedent for doing so, the CRS did find two instances in statute that, in their opinion, allows states to forgive the principal on loans made through the SDWSRF.

First, SDWA sec. 1452(d)(1), 42 USC 300j-12(d)(1), states – "Notwithstanding any other provision of this section, in any case in which the State makes a loan pursuant to subsection (a)(2) of this section to a disadvantaged community … , the State may provide additional subsidization (including forgiveness of principal)."

Second, the Consolidated and Further Continuing Appropriations Act, 2015, Pub. Law 113-235, states on page 296 – "Provided further, [t]hat not less than 20 percent but not more than 30 percent of the funds made available under this title to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these), and shall be so used by the State only where such funds are provided as initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients only where such debt was incurred on or after the date of enactment of this Act; …."

The difference in opinion between EPA and CRS has created ambiguity for the affected parties. The ability of states to forgive portions of the principal on loans made through the SDWSRF could have a significant impact on the financial state of Flint and many other distressed municipalities across the county. I would appreciate clarification from you on what, according to EPA's interpretation of the law, statutorily prevents states from forgiving the principal on loans made under the SDWSRF.

Due to critical nature of the water quality in Flint and the impact that loan forgiveness could have on improving the quality of the water, I ask for your prompt attention to this matter.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

cc:
Cathy Davis, EPA
Eileen Deamer, EPA
Robert Meltz, CRS

From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 6:11 PM
To: Paciorek, Josh (GOV); Andorfer, Bob (MDARD); Murray, David (GOV)
Cc: Shaw, Eric (DEQ); Holton, Jennifer (MDARD)
Subject: RE: Is Your Child Safe From Lead Poisoning? Handout.
Attachments: LeadHandout_R013_eh_Oct7.pdf

Hi Josh and Bob,

Here's an updated version. Bob – are the properties right on this? I'm not sure how to check ☺

Dave – this is the handout we will have for the press event tomorrow.

Angela

From: Paciorek, Josh (GOV)
Sent: Wednesday, October 07, 2015 2:05 PM
To: Andorfer, Bob (MDARD) <andorferb@michigan.gov>
Cc: Shaw, Eric (DEQ) <ShawE2@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Holton, Jennifer (MDARD) <holtonj@michigan.gov>
Subject: Re: Is Your Child Safe From Lead Poisoning? Handout.

Thanks, Bob. Good to know. We'll double check that moving forward.

Josh

Sent from my iPhone

On Oct 7, 2015, at 1:55 PM, Andorfer, Bob (MDARD) <andorferb@michigan.gov> wrote:

> Josh/Angela:
>
> That document has been updated with this latest version on the Flint Water web page.
>
> One request though: in the future, I will not be posting PDFs to the website that are sent to me that do not have completed Document Properties (Title, Author, Subject and Key Words.)
>
> This is an ADA Compliance issue and one that eMichigan has been very adamant about state webmasters following. (If you have questions about this, please contact Ellen Martin in eMichigan and she can provide you with a more detailed explanation of the policy.) In the rush to get these documents posted last week I was willing to overlook this for the sake of getting the site put together quickly, but would prefer not to have the take the extra step myself and fill those in while guessing at a correct title or author.
>
> Thank you.
>
> Bob Andorfer
> MDARD

From: Paciorek, Josh (GOV)
Sent: Wednesday, October 07, 2015 1:42 PM
To: Andorfer, Bob (MDARD) <andorferb@michigan.gov>; Shaw, Eric (DEQ) <ShawE2@michigan.gov>
Subject: Fwd: Is Your Child Safe From Lead Poisoning? Handout.

Hi guys

Can you update this doc on the Flint Water site?

Thanks!

Josh

Sent from my iPhone

Begin forwarded message:

> **From:** "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>
> **To:** "Paciorek, Josh (GOV)" <Paciorekj@michigan.gov>
> **Subject: FW: Is Your Child Safe From Lead Poisoning? Handout.**
>
> Hi Josh,
>
> Can we please update the Parent Handout on the Flint Water website? Thank you.
>
> Angela
>
> From: Peeler, Nancy (DHHS)
> Sent: Wednesday, October 07, 2015 1:21 PM
> To: Ellsworth, Jeffrey (DHHS) <EllsworthJ@michigan.gov>
> Cc: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Miller, Amy J. (DHHS) <MillerA26@michigan.gov>
> Subject: Fwd: Is Your Child Safe From Lead Poisoning? Handout.
>
> Hello, attached please find the updated Parent Handout document for our website, www.michigan.gov/lead<http://www.michigan.gov/lead>. This will replace the document that is currently posted with the same/similar name. Jeff, thank you for your help in getting this posted today!
>
> Nancy
>
> Sent from my iPad
>
> Begin forwarded message:
> From: "Lounds, Elizabeth (DHHS)"
> <LoundsE@michigan.gov<mailto:LoundsE@michigan.gov>>
> To: "Peeler, Nancy (DHHS)"
> <PeelerN@michigan.gov<mailto:PeelerN@michigan.gov>>
> Subject: Is Your Child Safe From Lead Poisoning? Handout.
> Here you go. ☺

Elizabeth Lounds
Michigan Dept. of Health & Human Services (MDHHS)
Home Visiting Unit
109 W. Michigan Avenue, WSB-4
Lansing, MI 48913
Phone: 517.335.8892
FAX: 517.373.4294

IS YOUR CHILD SAFE FROM LEAD POISONING?

LEARN HOW TO PROTECT YOUR FAMILY:

CREATE A LEAD SAFE HOME

What causes lead poisoning?

There are many places in a home that can put babies and children in danger of lead poisoning.

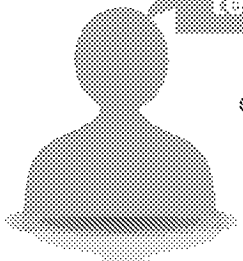
Lead paint is the #1 cause of lead poisoning in Michigan and is often found in homes built before 1978. The older the home, the more likely that painted surfaces like windows, cupboards, doors and porches will contain lead paint.

Lead poisoning occurs most often when children come in contact with lead in the air, in dust particles and in lead paint. Lead can also be found in soil, drinking water if supplied by lead pipes, certain home remedies and is used in some hobbies and occupations.

Exposure to lead particles is a serious health threat. Carefully consider where your child spends time (childcare, relatives, your home) when thinking about lead poisoning hazards.

How can I tell if my child has lead poisoning?

Talk to your doctor about testing your child's blood for lead poisoning.



When should my child be tested for lead poisoning?

Children should be tested at one and two years of age or if you think your child has been exposed to a lead hazard.

To learn more about lead poisoning prevention and blood lead testing, call the Childhood Lead Poisoning Prevention Project:

(517) 335-8885

(888) 322-4453

Take this quiz to see if your child may have lead poisoning:

Symptoms of lead poisoning can be silent—and hard to recognize. Preventing lead poisoning before it happens is the best way to keep your family safe. Take this quiz to see if your child may be at risk.

Does your child currently live in a home built before 1950 or have they lived in a home built before 1950 in the recent past? Do they spend time at or often visit a home built before 1950?

Yes No Don't know

Does your child currently live in a home built before 1978 that was recently remodeled? Have they lived in or often visited a home built before 1978 that was recently remodeled?

Yes No Don't know

Does your child have a brother, sister or playmate with lead poisoning?

Yes No Don't know

Does your child live with an adult whose job or hobby involves lead?

Yes No Don't know

Does you or your child's caregiver use home remedies that may contain lead?

Yes No Don't know

If you answered NO to all of these questions, your child is probably not at risk for lead poisoning.

If you answered YES or DON'T KNOW to any of these questions, talk to your doctor about testing your child for lead poisoning.

MAKE EVERY DAY LEAD SAFE

Safe Cleaning. Use these steps to help keep your home clean and reduce your child's risk of exposure. Use these tips to clean your windows, doors, floors, porches, stairs and child pay areas.

Put on gloves. If you do not have rubber gloves, wash your hands well after cleaning.

Use the right cleaners and disposable supplies. Use soapy cleaners or products made to remove lead dust.

Remove paint chips first. Window areas and porches often have peeling paint and lead dust. Pick up visible chips and dispose of them in a plastic bag.

Always wet-mop floors and window sills. Do not broom lead dust. Dispose of cloths after wiping each area. If using a mop, replace water frequently.

Don't use a vacuum unless it is a HEPA vacuum. It will spread lead dust into the air you breathe. Some health departments have HEPA vacuums available to borrow

Rinse after cleaning. Use clean water and a new mop head or fresh paper towels to wipe away suds.

Always empty wash water down a toilet.

Repeat these steps often when dirt and dust appear on floors, porches, window wells, window sills, stairs and children's play areas.

For Homes with Lead Pipes

If you use a water filter, be sure it meets NSF/ANSI 53 standards for lead reduction.

✓**Flush your pipes before drinking**, and only use cold water for cooking and mixing formula. Flush pipes by running the water for approximately 5 minutes.

✓**Test.** Consider contacting your local water authority to have your water tested.

Daily Lead Safe Practices

- Wash hands, bottles, pacifiers and toys often
- Always take off shoes before going into the house.
- Watch your child's diet. Foods high in calcium and iron help keep lead from being absorbed by a child's body.
- Avoid using power sanders, open-flame torches, heat guns, dry scrapers and dry sandpaper o painted surfaces.
- Fix peeling or chipping paint.
- Use a certified Repair and Remodeling Professional when making updates to your home
- Practice safe cleaning methods.

Thinking about remodeling your home? Need advice about identifying and removing lead paint? Call the Lead and Healthy Homes Section: 866-691-LEAD.

www.michigan.gov/lead

MDHHS
Michigan Department of Health & Human Services

Childhood LEAD POISONING prevention program

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:28 PM
To: Kennedy, Jordan (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV)
Subject: FW: Updated MDHHS Talking Points
Attachments: Flint Water Talking Points 100715.docx

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 4:57 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Updated MDHHS Talking Points

Attached talking points updated to include info re: extended hours for water filter distribution, school testing results, NSF filter certification.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

Blood Lead Levels in Flint Talking Points
October 7, 2015

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Extended hours are being offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS currently serves approximately 25,000 households in Flint.

School Testing and Results

- The state today also released the first results from its free lead screening program in schools.
- Out of 13 buildings tested, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.
- However, this sampling provides only an initial screen, and MDHHS toxicologists will work with DEQ to conduct further testing.
- Schools on the Flint water system should continue using filtered or bottled water to protect against potential lead exposure.

Background Information

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.

- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.

- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:29 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Kennedy, Jordan (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: FW: 151008. Media QA
Attachments: 151008. Media QA.docx

Importance: High

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 07, 2015 5:03 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Subject: 151008. Media QA

Questions with some draft answers. Not by any means final, but here's first crack at this.

Flint Drinking Water

Media Q&A

Oct. 8, 2015

Switch to Great Lakes Water Authority

What finally pushed the state to this decision?
This was the City's request, and the Governor supports it, based on several key factors: In the near term, DWSD water will be easier to manage. It comes from a more stable source than the river, it is fully optimized for corrosion control, and it is clear that residents of Flint have more confidence in this water source.

Will this solve Flint's water crisis?
In combination with the other short term, intermediate term and long-term steps outlined last week, this move represents a big step forward. Flint still has serious system maintenance challenges it must address.

If you're saying residents will still have lead because of their plumbing, does that mean every other city in this state has a lead problem?
Many areas of the state have lead in their infrastructure mix.

Where's the state getting the money to fund this?
We have submitted a formal request to lawmakers via the appropriations process.

Where's the city getting the money to fund this?
The city is contributing all it can, and is getting assistance for its match from the Mott Foundation.

How long will the switch take?
The switch will be completed by the City and Great lakes Water Authority, but our understanding is that it can be accomplished in the very near term once the arrangements are complete.

How long will it take before Detroit's corrosion controls provide protection for Flint?
It will take some time for the corrosion control additives to build on pipe walls throughout the system. Estimates vary. The state can assure we will commence monitoring of the system early 2016 and report results as we get them to keep the community updated.

Why do residents still need to use filters and bottled water?
The filters and bottled water are responsible precautions for any resident concerned about lead exposure.

Do the filters actually work? We've been hearing they don't protect for lead.
Yes, the filters work. They are all certified for lead removal by the National Sanitation Foundation.

The filters are only good for 100 gallons. What happens when they are used up?
They will need to be replaced. And residents can get a new filter.

What about restaurants?

What's going to be done about lead service lines?
Long term, this is the only permanent solution to lead exposure. The state has committed to helping the city accomplish this goal long term.

Do you wish you'd made this switch sooner?
We support the City's decision. We can't look backward. We feel the state has responded quickly and effectively as information has surfaced, been investigated and verified. While the City of Flint is, right now, in compliance with the federal Lead and Copper Rule, we recognize there is a disparity between surveillance testing and other testing happening in the community that we need to better understand and we are working on developing our knowledge.

<u>Schools testing</u>
What do these results say?
The results say we need to further investigate Flint schools and help the schools find clearer causes for some the results we got.

Any theories about what's going on?
It is possible there are specific points in the plumbing that have lead components which need to be replaced, but we can't say anything definitively until we perform an investigation at each school.

Do the schools have lead service lines? If not, why are they getting such high results?
The schools we tested initially do not have lead service lines. There are a few possible reasons why lead is being detected at specific points in the buildings and not others. When we know things definitively, we will make the information public.

How long do the schools have to stay on bottled water? Just until the switch to Detroit, or longer term?
We are encouraging the schools to continue their current protective measures as a precaution until we can get into the buildings and get more answers.

Why did you only test 13 schools?
That was what the Flint Public Schools requested.

What happens to other schools?
We will test all the schools in Flint if they request it.

What about the schools that can't afford to update their entire plumbing systems?
This is why we are having plumbing assessments completed. There is no way to know yet what each building will require.

How confident are you in your testing? You've got results all over the map.
We are confident that our testing meets the requirements for the federal Lead and Copper Rule, which is surveillance monitoring. The bigger question is whether surveillance monitoring meets the public health protection standards that Lead Exposure Testing methods do. The EPA is working on that question now, and we are engaged in that dialogue.

What do you mean by "health exposure testing"? What are you doing next?

The 90th percentile of your results is still below 15 ppb. Does that make you more or less confident in your testing and in your protocols?
It makes us confident that the testing protocol delivers consistent results. But again, it does raise questions about whether this testing method shows what people think it does or what they really want to know, which is actual lead exposure from lead plumbing in a home.

Any idea how long kids have been exposed to lead? Was it before the move to the Flint River?
That is possible. We don't know.

How does the state bring this new information into the broader picture of kids' lead exposure across the state?

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 6:30 PM
To: Murray, David (GOV)
Subject: Briefing outline
Attachments: Flint Briefing.docx

Anna Heaton
Public Relations Advisor|Gov. Rick Snyder
o: 517-241-6049|c: PPI
@Republicanna

Briefing: Flint Water System Press Conference
Thursday, Oct. 8, 2015
Mott Foundation/Commerce Center Building Ground Floor
519 S. Saginaw St., Flint
Communications: Sara Wurfel, 517-599-3470, wurfels@michigan.gov
Dave Murray, 517-449-8343, murrayd1@michigan.gov

Purpose:

Event notes:

High level points:

Agenda:
9:00 AM - 9:45 AM Gov meets with Mayor Walling in [Room 1]
9:45 AM – 10:00 AM Pre-Brief in [Room 2]
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM Director Wyant gives remarks
10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM Dr. Eden Wells remarks
10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM Ridgway White gives remarks
10:25 AM – 10:35 AM Q&A from the podium
10:35 AM Event concludes; Governor departs

Attendees:
Roughly 20 in audience

Susan	Borrego	Chancellor, U of M Flint
Oscar	Overton	Pastor
Alfred	Harris	Pastor
Latrelle	Holmes	Pastor
Jim	Ananich	Michigan Senate
Sheldon	Neely	Michigan House
Phil	Phelps	Michigan House
Jeff	Wright	Drain Commissioner, Genesee County
Amy	Hovey	Dan Kildee office
Jamie	Gaskin	Dan Kildee office
Tim	Herman	Flint Chamber of Commerce
Brian	Larkin	Flint Chamber of Commerce
Eric	Mays	Flint City Council
Jacqueline	Poplar	Flint City Council
Kerry	Nelson	Flint City Council
Joshua	Freeman	Flint City Council
Wantwaz	Davis	Flint City Council

Herbert	Winfrey	Flint City Council
Monica	Galloway	Flint City Council
Vicki	VanBuren	Flint City Council
Scott	Kincaid	Flint City Council

Speaker comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

Talking points:

From: Tommasulo, Karen (DEQ)
Sent: Wednesday, October 07, 2015 6:32 PM
To: Murray, David (GOV)
Subject: Re: URGENT review please -- Draft Flint water release

Looks good to me.

Sent from my iPhone

On Oct 7, 2015, at 6:12 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the $12 million needed to reconnect with the authority, with the Flint city government providing $2 million and the Charles Stewart Mott Foundation donating $4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from

large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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Dave Murray
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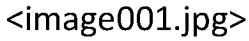
PPI mobile
Twitter:@michigandmurray



<151008 Flint water release DM.docx>

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 6:54 PM
To: Kennedy, Jordan (GOV)
Cc: Agen, Jarrod (GOV); Biehl, Laura (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV)
Subject: Updated comms plan for briefing
Attachments: Comms plan_timeline - Flint water (V 10-7-15).docx

Importance: High

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

Flint water action plan – next steps
Communications & Outreach Plan
DRAFT (10/7/2015)

Situation overview:
Water and concerns about lead levels in the city of Flint have been escalating since the city moved to the Flint River as its source of water after switching from DWSD in the spring of 2014 with local plans to move to a new water authority – the Karegnondi Water Authority or KWA – slated to be online in June 2016. Numerous tests have shown the water overall to be safe with non-detect lead levels when leaving Flint water treatment plan and below widely recognized federal action levels (15 ppb) in most surveillance monitoring. However, like many communities across the state and country, Flint's infrastructure is aging and hasn't been updated in decades, facing outdated lead service connections and lead pipes in individual homes. Some water tests have indicated definite elevated lead levels within some homes, neighborhoods and zip codes, with some children in those same areas also experiencing elevated lead levels, causing great concern for all parties.

Race, poverty and local governance (with city's history of emergency managers) have all been raised as issues or allegations, adding to the challenges.

Given all factors involved, it has been deemed prudent and best for public health and restoring confidence in water system to temporarily switch back to Detroit water, now governed by an entity called the Great Lakes Water Authority, as the city's water source until the new KWA is completed. A special technical advisory committee comprised of public health and drinking water experts has concurred and recommended such a path. The cost to do so is estimated at about $12M over nine months. The state is proposing to cover about half of the cost with the city ($2M) and community organizations (C.S. Mott Foundation at $4M) pledging to cover the balance.

Goals/objectives:
- Ensure governor and state focus is on protecting public health and ensuring safe, accessible drinking water and all the action steps that are being taken to help ensure those two priorities.
- Minimize and diffuse finger pointing and tension between all stakeholders.
- Effective, concise communication that makes it clear for both residents and schools what next steps are and that state is committed to doing everything it can to help address situation in partnership and collaboration with city and community leaders.
- Restore confidence in Flint water.
- Convey shared responsibility to address.

Action steps/tools with timeline:
Wednesday, Oct. 7
- Coordinate with MI Depts of Environmental Quality and Health & Human Services
- Coordinate with Mott Foundation

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- Find and finalize venue, logistics, establish security plan
    - Confirm live streaming capability and AV details (podium, sound system, mult box, lavalier and hand held mics, etc).
    - Determine visuals and room set up. Current plan is simply U.S., state of MI and city of Flint flags with "Taking Action on Flint Water" podium sign. (See attached).
    - Assure protest area, access and entrance points and plan, attendee list and contingency plans, etc
- Follow up discussions with DWSD, GLWA members (city, Oakland, Wayne & Macomb counties) and Mayor Duggan.
- Coordinate with Flint city communications
- Coordinate with DWSD/GLWA communications
- Coordination/briefing to MDE Superintendent of Schools Brian Whiston and DOC Director Heidi Washington

2 – 4:30 p.m. (TENATIVE)
- Expanded technical advisory committee meets to discuss and evaluate corrosion control plans as well as potential implications and benefits of switch back to Detroit water.

3:30 p.m.
Governor briefs Senate and House Republican leaders

4:30 p.m. (TENTATIVE – dependent on timing and outcome of technical advisory committee)
- Send media advisory with basic notice of planned 10 a.m. press conference "to make an announcement re: Flint water"
- Scheduling invites Sen. Ananich and Reps. Neely and Phelps to press conference (no specific details yet)

5 p.m.
Touch base conference call with EO, DEQ, DHHS teams to close loops, share all latest information, determine last needed action items.

6 p.m.
- Send draft plan, release and all related materials to Governor and team for review and edit.

Thursday, Oct. 8
8 a.m.
- Team arrives in Flint to set up
- Final edits on all materials due to comms team.
- DEQ Director Wyant briefs Sen. Ananich and Reps. Neely and Phelps on specifics of next steps/plan briefs
- Governor calls Cong. Dale Kildee and briefs him on next steps/plan
- Bill McBride briefs U.S. Sens. Gary Peters & Debbie Stabenow

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9 a.m.

- Meeting with Governor, Flint Mayor Walling, DEQ, DHHS, Mott Foundation to finalize details
- DEQ water testing lab and DHHS public health teams contact the Flint schools to share the testing results and next steps on protocol, actions
    - Flint Schools Superintendent Bilal Tawwab
    - Genesee Co. ISD Superintendent
- DHHS Dr. Eden Wells briefs Genesee Co. Health Dept/Health Officer Mark Valacak
- DEQ briefs Genesee Co. Drain Commissioner Jeff Wright
- SBO Director John Roberts contacts Senate and House Appropriations Chairs (Sen. Dave Hildendbrand & Rep. Al Pscholka) re: Detroit water switch and supplemental request
- DEQ Director Wyant and DHHS Director Nick Lyon contact respective budget subcommittee chairs and vice chairs (Sens. Marleau & Green and Reps. Roger Victory & Chris Afendoulis) re: Detroit water switch and supplemental request
- Harvey Hollins/Dennis Muchmore brief/invite other key stakeholders TBD
    - Select group of ministers and pastors
    - Flint Chamber
    - UM Flint
    - United Way
    - Flint Community Foundation

9:45 – 10 a.m.

- Prebriefing to walk through press conference run of show, last Qs, etc.,

10 – 10:30 a.m.

- Press conference kicks off

(SEE RUN OF SHOW/BRIEFING)

10:05 a.m.

- News release goes out; posted to web site
- Social media posts

<u>Qs/issues</u>

Funding positioning – Gov is "asking Legislature," "committed to finding match", etc.
Roles of legislators, i.e. Cong. Kildee, Sen. Ananich, Reps. Neely and Phelps

CONFIDENTIAL/DRAFT

From: Hicks, Mark <MHicks@detroitnews.com>
Sent: Wednesday, October 07, 2015 7:08 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Flint water committee

Hello. This is Mark Hicks, a reporter at The Detroit News. I am trying to reach representatives for Gov. Snyder's office tonight regarding a recommendation from a committee of experts on Wednesday to reconnect Flint to Detroit's water system to improve the drinking water quality. Has the governor's office received this recommendation, and does it impact the announcement tomorrow regarding Flint's water system?

Please feel free to let me know if you or another representative can reach me before 8:30 p.m. EST tonight for a brief phone interview or statement regarding this recommendation. I realize this is late and short notice after-hours, and some information might not be immediately accessible, but any help provided will be greatly appreciated and better inform our readers. Thank you for your time.

Mark Hicks
Reporter, The Detroit News
Phone: (313) 222-2117
E-mail: mhicks@detroitnews.com

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 7:24 PM
To: 'Hicks, Mark'; Murray, David (GOV)
Subject: RE: Flint water committee

Hi there Mark –

Happy to help. What I'd say is that this is an option we're helping thoroughly review and consider with the city, and the technical advisory committee's work is much appreciated in this matter. We're also focused on working hard in collaboration with all and implementing the key action steps outlined on Oct. 2 to help protect public health and ensure safe, accessible drinking water for Flint residents.

As you noted, we have slated a time tomorrow morning for the Governor and administration with city and community leaders to provide an update on Flint water so hoping you got those details. Stay tuned.

Thanks and best,
SW

From: Hicks, Mark [mailto:MHicks@detroitnews.com]
Sent: Wednesday, October 07, 2015 7:08 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water committee

Hello. This is Mark Hicks, a reporter at The Detroit News. I am trying to reach representatives for Gov. Snyder's office tonight regarding a recommendation from a committee of experts on Wednesday to reconnect Flint to Detroit's water system to improve the drinking water quality. Has the governor's office received this recommendation, and does it impact the announcement tomorrow regarding Flint's water system?

Please feel free to let me know if you or another representative can reach me before 8:30 p.m. EST tonight for a brief phone interview or statement regarding this recommendation. I realize this is late and short notice after-hours, and some information might not be immediately accessible, but any help provided will be greatly appreciated and better inform our readers. Thank you for your time.

Mark Hicks
Reporter, The Detroit News
Phone: (313) 222-2117
E-mail: mhicks@detroitnews.com

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:06 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: Fwd: Draft run of show and release

Please see below quote and suggestions from mayor. I think this is pretty workable. Agreed?

Sent from my iPhone

Begin forwarded message:

> **From:** Dayne Walling <dwalling@cityofflint.com>
> **Date:** October 7, 2015 at 9:43:56 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Cc:** Jason Lorenz - City of Flint <jlorenz@cityofflint.com>
> **Subject: Re: FW: Draft run of show and release**
>
> Thank you. Please do use Jason as the City public information officer and press contact. Release looks great!
>
> Couple things and my quote
>
> This sentence is not accurate: Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee.
>
> I made my request to the Governor and COS on 10/2 and the Governor asked me about a funding arrangement prior to the advisory committee meeting.
>
> I think you could use a more general line such as: Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues.
>
> Then my quote:
> "Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system. I appreciate the State, the Mott Foundation, Detroit, and the County's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority and reconnecting to Detroit is a major step that the City could not take alone given budget constraints."
>
> Finally, I have heard debate among the technical staff about the term optimized corrosion control. In particular, I understand that optimization actually takes place over time and Flint's system may not be optimized with the dosage of phosphate based corrosion control currently in the Detroit system, which is at a maintenance level.
> INstead of: Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control
> Could say: Additionally, the Great Lakes Water Authority water already has additional corrosion

control

Nice working with you too and see you tomorrow
Dayne

On Wed, Oct 7, 2015 at 7:13 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

Greetings Mayor and Jason –

Here is proposed run of show for tomorrow, along with the draft release. Again, per earlier conversations, highly confidential and not for sharing as dependent on final details getting worked out at tomorrow's 9 a.m. meeting.

On the release, please note in particular the placeholder for the Mayor's quote.

Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a city media contact here as well. Assuming that's Jason. Just wanted to verify which contact info should we use?

Thanks again. Glad to be working and collaborating with the city on this very challenging issue.

Best regards,

SW

Run of show & comment topics below:

9:45 AM – 10:00 AM Pre-Brief with all speakers

10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor

10:01 AM – 10:05 AM Governor gives remarks

10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling

10:06 AM – 10:10 AM Mayor Walling gives remarks

10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant

10:11 AM – 10:15 AM Director Wyant gives remarks

10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon

10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells

10:17 AM – 10:20 AM Dr. Eden Wells remarks

10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation

10:21 AM – 10:25 AM Ridgway White gives remarks

10:25 AM – 10:35 AM Q&A from the podium

10:35 AM Event concludes; Governor departs

Nature of comments:

RDS – Collaboration led to solution, outline of solution

Mayor Walling – Importance of solution to Flint

Dan Wyant – Overview of steps on transition from Flint River to DWSD, school testing results

Nick Lyon – DHHS involvement

Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF

Ridgway White – Importance of collaboration/commitment to Flint

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Release:

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Posthumus, Dick (GOV)
Sent: Wednesday, October 07, 2015 11:21 PM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Baird, Richard (GOV); Calley, Brian (GOV); Forstner, Nathaniel (GOV)
Subject: Re: URGENT review please -- Draft Flint water release

Looks good to me
Dick

Sent from my iPhone

On Oct 7, 2015, at 6:11 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Team,

Please review this draft press release for the Thursday announcement in Flint. This incorporates some suggested edits to the strong draft from DEQ earlier today.

Thank you very much.

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide a portion of the $12 million needed to reconnect with the authority, with the Flint city government providing $2 million and the Charles Stewart Mott Foundation donating $4 million.

The Michigan Department of Health and Human Services and the Department of Environmental Quality today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority

provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead in water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations.

For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

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Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<151008 Flint water release DM.docx>

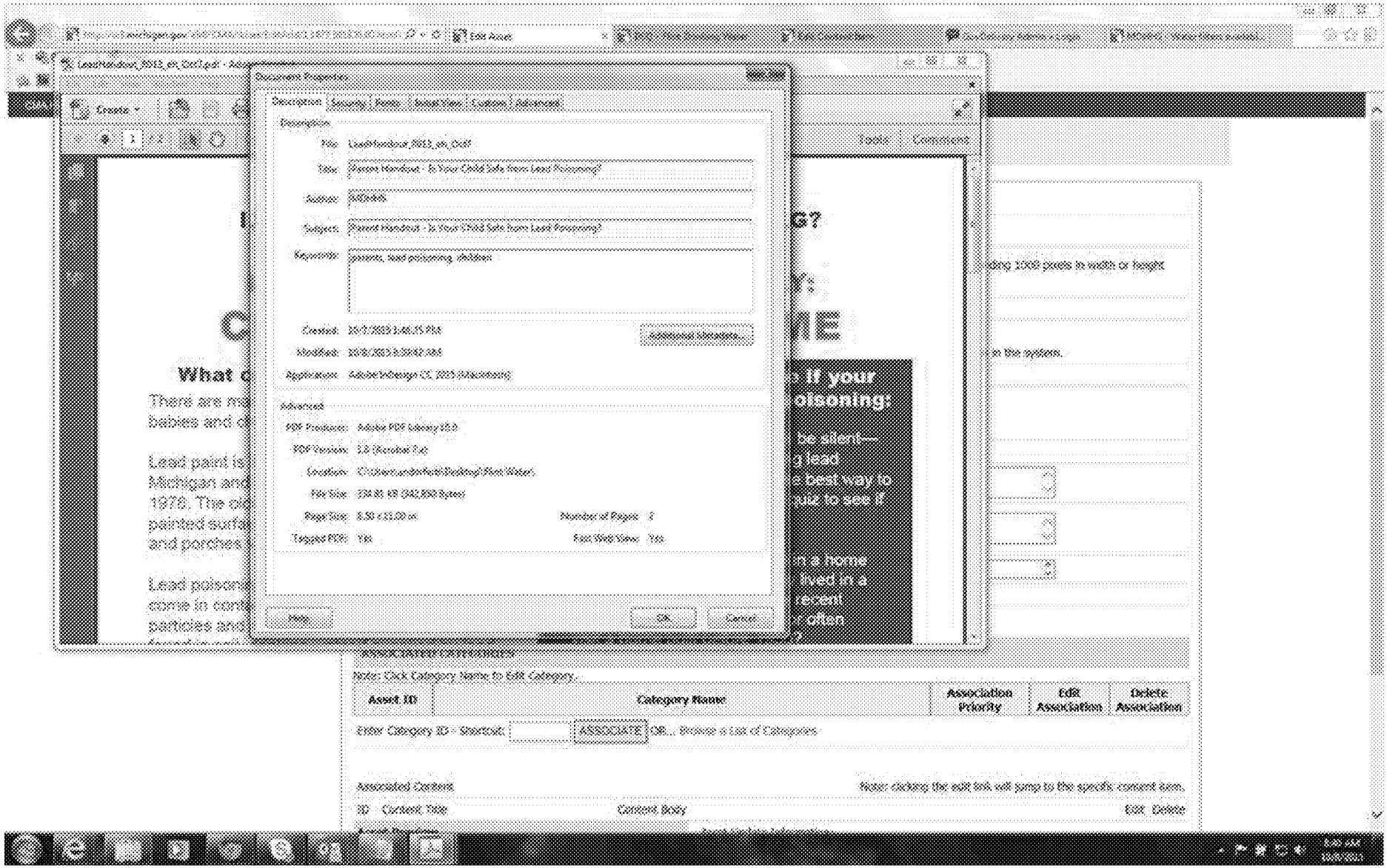
From: Shaw, Eric (DEQ)
Sent: Thursday, October 08, 2015 8:48 AM
To: Andorfer, Bob (MDARD); Minicuci, Angela (DHHS); Paciorek, Josh (GOV); Murray, David (GOV)
Cc: Holton, Jennifer (MDARD)
Subject: RE: Is Your Child Safe From Lead Poisoning? Handout.

Those properties were my fault this time. I sent it over and never thought to do it. My apologies.

From: Andorfer, Bob (MDARD)
Sent: Thursday, October 08, 2015 8:47 AM
To: Minicuci, Angela (DHHS); Paciorek, Josh (GOV); Murray, David (GOV)
Cc: Shaw, Eric (DEQ); Holton, Jennifer (MDARD)
Subject: RE: Is Your Child Safe From Lead Poisoning? Handout.

That has been updated.

Actually, the PDF did not have the Document Properties, but I was able to take them from the last version. Obviously, we are in the middle of an important issue right now, but for future reference, you can find the Document Properties by right clicking on any PDF and a info box will appear:



If you have Adobe Acrobat Standard or Professional you should be able to complete these fields in any PDF that you open. If you don't have either of those programs, they can be filled in using PDF Creator when documents are converted from Word to PDF. Not sure about how this works with other programs such as Illustrator.

Bob

From: Minicuci, Angela (DHHS)
Sent: Wednesday, October 07, 2015 6:11 PM
To: Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Andorfer, Bob (MDARD) <andorferb@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Shaw, Eric (DEQ) <ShawE2@michigan.gov>; Holton, Jennifer (MDARD) <holtonj@michigan.gov>
Subject: RE: Is Your Child Safe From Lead Poisoning? Handout.

Hi Josh and Bob,

Here's an updated version. Bob – are the properties right on this? I'm not sure how to check ☺

Dave – this is the handout we will have for the press event tomorrow.

Angela

From: Paciorek, Josh (GOV)
Sent: Wednesday, October 07, 2015 2:05 PM
To: Andorfer, Bob (MDARD) <andorferb@michigan.gov>
Cc: Shaw, Eric (DEQ) <ShawE2@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Holton, Jennifer (MDARD) <holtonj@michigan.gov>
Subject: Re: Is Your Child Safe From Lead Poisoning? Handout.

Thanks, Bob. Good to know. We'll double check that moving forward.

Josh

Sent from my iPhone

On Oct 7, 2015, at 1:55 PM, Andorfer, Bob (MDARD) <andorferb@michigan.gov> wrote:

> Josh/Angela:
>
> That document has been updated with this latest version on the Flint Water web page.
>
> One request though: in the future, I will not be posting PDFs to the website that are sent to me that do not have completed Document Properties (Title, Author, Subject and Key Words.)
>
> This is an ADA Compliance issue and one that eMichigan has been very adamant about state webmasters following. (If you have questions about this, please contact Ellen Martin in eMichigan and she can provide you with a more detailed explanation of the policy.) In the rush to get these

documents posted last week I was willing to overlook this for the sake of getting the site put together quickly, but would prefer not to have the take the extra step myself and fill those in while guessing at a correct title or author.

Thank you.

Bob Andorfer
MDARD

From: Paciorek, Josh (GOV)
Sent: Wednesday, October 07, 2015 1:42 PM
To: Andorfer, Bob (MDARD) <andorferb@michigan.gov>; Shaw, Eric (DEQ) <ShawE2@michigan.gov>
Subject: Fwd: Is Your Child Safe From Lead Poisoning? Handout.

Hi guys

Can you update this doc on the Flint Water site?

Thanks!

Josh

Sent from my iPhone

Begin forwarded message:

> **From:** "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>
> **To:** "Paciorek, Josh (GOV)" <Paciorekj@michigan.gov>
> **Subject: FW: Is Your Child Safe From Lead Poisoning? Handout.**
>
> Hi Josh,
>
> Can we please update the Parent Handout on the Flint Water website? Thank you.
>
> Angela
>
> From: Peeler, Nancy (DHHS)
> Sent: Wednesday, October 07, 2015 1:21 PM
> To: Ellsworth, Jeffrey (DHHS) <EllsworthJ@michigan.gov>

Cc: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Miller, Amy J. (DHHS) <MillerA26@michigan.gov>
Subject: Fwd: Is Your Child Safe From Lead Poisoning? Handout.

Hello, attached please find the updated Parent Handout document for our website, www.michigan.gov/lead<http://www.michigan.gov/lead>. This will replace the document that is currently posted with the same/similar name. Jeff, thank you for your help in getting this posted today!

Nancy

Sent from my iPad

Begin forwarded message:
From: "Lounds, Elizabeth (DHHS)" <LoundsE@michigan.gov<mailto:LoundsE@michigan.gov>>
To: "Peeler, Nancy (DHHS)" <PeelerN@michigan.gov<mailto:PeelerN@michigan.gov>>
Subject: Is Your Child Safe From Lead Poisoning? Handout.
Here you go. ☺

Elizabeth Lounds
Michigan Dept. of Health & Human Services (MDHHS)
Home Visiting Unit
109 W. Michigan Avenue, WSB-4
Lansing, MI 48913
Phone: 517.335.8892
FAX: 517.373.4294

This Document is a Non-Responsive Attachment.

From: Heaton, Anna (GOV)
Sent: Thursday, October 08, 2015 9:02 AM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hollins, Harvey (GOV); Tommasulo, Karen (DEQ); Kennedy, Jordan (GOV); Biehl, Laura (GOV)
Subject: Re: Updated press release with Harvey's edits

Sorry to weigh in so late. I would suggest replacing "protection" with "option" or "solution" in the headline, and then in the lede change "will be better protected" to "can count on reliable water service moving forward" -

I feel like the use of protection has certain negative implications - what are they being protected from? Evil Republicans? The state? The dirty water they have been drinking up until this point? Don't want it to get spun that way.

Sent from my iPhone

On Oct 7, 2015, at 9:53 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Team,
>
> This new version incorporates Harvey's edits. Thanks, Harvey! We can add the quotes in the morning or later this evening.
>
> Dave

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation, city form partnership to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

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School test results released; more investigation planned

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However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

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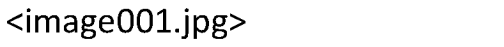
Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



<151008 Flint water release_V3.docx>

From: Biehl, Laura (GOV)
Sent: Thursday, October 08, 2015 9:18 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Weiss, Kurt (DTMB); Agen, Jarrod (GOV); Paciorek, Josh (GOV)
Subject: FINAL Flint water press release with edits incorporated
Attachments: 151008 Flint water release_FINAL.docx

See attached.

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI *new number
BiehlL@Michigan.gov

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services Kathryn Thomas, 810-766-1734 Mott Foundation Jason Lorenz, 810-237-2039 City of Flint	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, city, Mott Foundation, join to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

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"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe this transitional solution is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

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However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority, and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

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Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Stoken, Laura (GOV)
Sent: Thursday, October 08, 2015 10:08 AM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Cc: Kennedy, Jordan (GOV); Agen, Jarrod (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: Flint Water- talking Points

Importance: High

Hi Team,

Given the announcement this morning, please provide as soon as possible talking points for this new process.

The live stream is cutting in and out so we are unable to watch/write what is happening.

Thank you,

Laura Stoken
Manager, Constituent Relations
Executive Office of the Governor, Rick Snyder
517.335.7858

From: Ackley, Martin (MDE)
Sent: Thursday, October 08, 2015 10:14 AM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Flint water

Importance: High

Dan Wyant called Brian Whiston last night to let him know of the questionable lead levels they found in three Flint elementary schools and that further screening will be done…

I know that the Gov and Dan Wyant are going to be having a press conf in Flint today. Is there an embargoed press release or other background that we can prepare Brian with, if we get calls?

Thanks.
-marty

Martin Ackley, Director
Office of Public and Governmental Affairs
Michigan Department of Education

Customer Service is a priority at the Michigan Department of Education -- helping Michigan schools, families, and communities improve the achievement and well-being of ALL our children.

MICHIGAN Department of Education

From: LeBlanc, Elizabeth <eleblanc@thetimesherald.com>
Sent: Thursday, October 08, 2015 10:23 AM
To: Murray, David (GOV)
Subject: Flint water clarification

Hi Dave,
This is Beth LeBlanc from the Times Herald in Port Huron.
I watched some of Snyder's announcement this morning on Flint returning to Detroit water. Just wanted to clarify, because I think I missed it – the return to Detroit water would just be until the KWA line is complete, right?

Beth LeBlanc
Reporter
Times Herald
911 Military St.
Port Huron, MI 48060
eleblanc@gannett.com
Office: (810) 989-6259
Mobile: PPI

From: LeBlanc, Elizabeth <eleblanc@thetimesherald.com>
Sent: Thursday, October 08, 2015 10:26 AM
To: Murray, David (GOV)
Subject: RE: NEWS RELEASE: Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

Thanks, Dave!

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 08, 2015 10:24 AM
To: LeBlanc, Elizabeth <eleblanc@thetimesherald.com>
Subject: Fwd: NEWS RELEASE: Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

Sent from my iPhone

Begin forwarded message:

From: GOV Newsroom
<govnewsroom@govsubscriptions.michigan.gov<mailto:govnewsroom@govsubscriptions.michigan.gov>>
Date: October 8, 2015 at 10:23:11 AM EDT
To: <murrayd1@michigan.gov<mailto:murrayd1@michigan.gov>>
Subject: NEWS RELEASE: Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint
Reply-To: <govnewsroom@govsubscriptions.michigan.gov<mailto:govnewsroom@govsubscriptions.michigan.gov>>

[COMM News Release]

CONTACTS:

Sara Wurfel<mailto:wurfels@michigan.gov> or Dave Murray<mailto:murrayd1@michigan.gov>

Governor's Office: 517-335-6397

Brad Wurfel<mailto:wurfelb@michigan.gov>, 517-284-6713

Department of Environmental Quality

Jennifer Eisner<mailto:eisnerj@michigan.gov>, 517-230-9804

Department of Health and Human Services

Kathryn Thomas<mailto:Kathryn%20A.%20Thomas%20%3ckthomas@mott.org%3e>, 810-766-1734 Mott Foundation

Jason Lorenz<mailto:jlorenz@cityofflint.com>, 810-237-2039 City of Flint

FOR IMMEDIATE RELEASE

Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTUxMDA4LjUwMDEyOTAxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE1MTAwOC41MDAxMjkwMSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3NTcwMjc5JmVtYWlsaWQ9bXVycmF5ZDFAbWljaGlnYW4uZ292JnVzZXJpZD1tdXJyYXlkMUBtaWNoaWdhbi5nb3YmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&100&&&http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366800--,00.html>

State, city, Mott Foundation, join to fund switch until KWA is ready

FLINT, Mich. - Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

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Other good
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STAY CONNECTED:
[Visit us on
Facebook]<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTUxMDA4LjUwMDEyOTAxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE1MTAwOC41MDAxMjkwMSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3NTcwMjc5JmVtYWlsaWQ9bXVycmF5ZDFAbWljaGlnYW4uZ292JnVzZXJpZD1tdXJyYXlkMUBtaWNoaWdhbi5nb3YmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&103&&&http://www.facebook.com/GovernorRickSnyder> [Visit us on Twitter]
<http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTUxMDA4LjUwMDEyOTAxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE1MTAwOC41MDAxMjkwMSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3NTcwMjc

5JmVtYWlsaWQ9bXVycmF5ZDFAbWljaGlnYW4uZ292JnVzZXJpZD1tdXJyYXlkMUBtaWNoaWdhbi5nb3YmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&104&&&http://twitter.com/onetoughnerd> [Visit us on YouTube] <http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTUxMDA4LjUwMDEyOTAxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE1MTAwOC41MDAxMjkwMSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3NTcwMjc5JmVtYWlsaWQ9bXVycmF5ZDFAbWljaGlnYW4uZ292JnVzZXJpZD1tdXJyYXlkMUBtaWNoaWdhbi5nb3YmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&105&&&http://www.youtube.com/govsnyder> [Sign up for email updates] <http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTUxMDA4LjUwMDEyOTAxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE1MTAwOC41MDAxMjkwMSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3NTcwMjc5JmVtYWlsaWQ9bXVycmF5ZDFAbWljaGlnYW4uZ292JnVzZXJpZD1tdXJyYXlkMUBtaWNoaWdhbi5nb3YmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&106&&&https://public.govdelivery.com/accounts/MIGOV/subscriber/new>

This email was sent to murrayd1@michigan.gov<mailto:murrayd1@michigan.gov> on behalf of: The Executive Office of the Governor * 111 South Capitol Avenue * Lansing, MI 48909 * 517-335-7858

From: Jonathan Oosting <joosting@mlive.com>
Sent: Thursday, October 08, 2015 12:30 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: State funding for Flint

Hi Sara and Dave

Is the governor asking for a total of $6 million from the Legislature (for water switch) or $10 million (plus other action plan costs)? I was a little confused by descriptions in press conference and release.

Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

From: Jonathan Oosting <joosting@mlive.com>
Sent: Thursday, October 08, 2015 12:36 PM
To: Murray, David (GOV)
Subject: Re: State funding for Flint

Thanks Dave. Drive safe.

Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

On 10/8/15, 12:32 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

>Hi Jon,
>
>Driving back. Will get back to you.
>
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>>
>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>> joosting@mlive.com
>>

From: Matt McLogan <mcloganm@gvsu.edu>
Sent: Thursday, October 08, 2015 12:39 PM
To: Murray, David (GOV)
Subject: RE: From the Lanthorn

Especially the editorial (they received no coaching from me, BTW -- hahah)

From one Flintstone to Another: will today's announcement settle down the Flint politics?

Matt

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 8, 2015 12:30 PM
To: Matt McLogan
Subject: Re: From the Lanthorn

The kids did a nice job!

Sent from my iPad

On Oct 8, 2015, at 12:24 PM, Matt McLogan <mcloganm@gvsu.edu<mailto:mcloganm@gvsu.edu>> wrote:

When you have time and the subject is something other than water (!!!):

http://www.lanthorn.com/article/2015/10/gov-synder-speaks-at-state-university-summit

http://www.lanthorn.com/article/2015/10/editorial-oct-8-15

From: Ruestman, Alexa (GOV)
Sent: Thursday, October 08, 2015 1:23 PM
To: Murray, David (GOV)
Subject: PHONE MESSAGE: Olivia Estrada- NBC

Name: Olivia Estrada
Outlet: NBC
Phone: (312)836-5566
Email: olivia.estrada@nbcuni.com
Re: wants to know zip codes involved in Flint Water Crisis
Deadline: asap

Alexa Ruestman
Communications Intern
Executive Office of the Governor
RuestmanA@michigan.gov

From: Wurfel, Sara (GOV)
Sent: Thursday, October 08, 2015 1:26 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Heaton, Anna (GOV)
Subject: FW: Update from Nick's calls

Another FYI - from DHHS' calls.

-----Original Message-----
From: Weiss, Kurt (DTMB)
Sent: Thursday, October 08, 2015 1:16 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: FW: Update from Nick's calls

Hi Sara,

I checked and doesn't look like you were copied on this, so sending it along.

Kurt Weiss
State Budget Office
517-335-0050

-----Original Message-----
From: Duncan, Nancy (DTMB)
Sent: Thursday, October 08, 2015 10:31 AM
To: Starr, Scott (DTMB); Weiss, Kurt (DTMB); McNeely, Jacques (DTMB); Fosdick, David (DTMB); Kimmith, Dean (DTMB)
Subject: FW: Update from Nick's calls

Keeping you in the loop.

-----Original Message-----
From: Lasher, Geralyn (DHHS)
Sent: Thursday, October 08, 2015 9:32 AM
To: Hanley, Farah (DHHS); Becker, Timothy (DHHS); Grijalva, Nancy (DHHS); Roberts, John (DTMB); Wyant, Dan (DEQ); Duncan, Nancy (DTMB); Harkins, Chris (DTMB); Pallone, Maggie (DEQ); Hertel, Elizabeth (DHHS); Ruest, Karla (DHHS)
Cc: Lyon, Nick (DHHS)
Subject: Update from Nick's calls

Nick has put in calls to our subcommittee chairs and wanted to pass along the feedback he got.

All agree from the health side that the DHHS action is the right way to move forward. However they had some negative feedback on the $6 million.

--Representatives MacGregor and Poleski both feel this should be a loan to the City of Flint instead of direct payment of $6 million

--Senator Marleau complained about the lack of legislative input before the decision was made to switch back to Flint water from Detroit in the first place.

He left messages for Verheulen, Santana, Shirkey and Hertel.

Sent from my iPad

From: Jonathan Oosting <joosting@mlive.com>
Sent: Thursday, October 08, 2015 1:59 PM
To: Murray, David (GOV)
Subject: Re: State funding for Flint

Any word? As I understand it, gov is asking for $6M and the agencies are committing additional money from existing appropriations. Is that right?

Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

On 10/8/15, 12:32 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

>Hi Jon,
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>Driving back. Will get back to you.
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>Sent from my iPad
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>>was a little confused by descriptions in press conference and release.
>>
>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>> joosting@mlive.com
>>

From: Jonathan Oosting <joosting@mlive.com>
Sent: Thursday, October 08, 2015 2:05 PM
To: Murray, David (GOV)
Subject: Re: State funding for Flint

Ah okay, thanks

Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

On 10/8/15, 2:03 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

>Not quite. A little more complicated. Sara is working with Kurt to get
>you a complete breakdown.
>
>Sent from my iPhone
>
>> On Oct 8, 2015, at 2:00 PM, Jonathan Oosting <joosting@mlive.com> wrote:
>>
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>> are committing additional money from existing appropriations. Is that right?
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>>>>
>>>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>>>>joosting@mlive.com
>>

From: Wisely, John <jwisely@freepress.com>
Sent: Thursday, October 08, 2015 2:38 PM
To: Murray, David (GOV)
Subject: DWSD letter to Flint

Dave:

Could you please send that along?

John Wisely
Reporter

Phone: 313-222-6825
jwisely@freepress.com
Follow me on Twitter: @jwisely

Detroit Free Press
A GANNETT COMPANY
Freep.com

From: Wurfel, Sara (GOV)
Sent: Thursday, October 08, 2015 3:11 PM
To: 'Jonathan Oosting'; Murray, David (GOV)
Subject: RE: State funding for Flint

Hi there Jonathan,

Sorry for delay. Been in back-to-back meetings since getting back from Flint.

Happy to walk you through this, but sounds like Kurt already did? Just let me know.

Thanks much,
SW

From: Jonathan Oosting [mailto:joosting@mlive.com]
Sent: Thursday, October 08, 2015 12:30 PM
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Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

From: Estrada, Olivia (NBCUniversal) <olivia.estrada@nbcuni.com>
Sent: Thursday, October 08, 2015 4:58 PM
To: Murray, David (GOV)
Subject: RE: Flint ZIP codes

Great, thanks!

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 08, 2015 3:46 PM
To: Estrada, Olivia (NBCUniversal)
Subject: Flint ZIP codes

Hello Olivia,

Please forgive the delay here. We have been just swamped since returning from Flint this afternoon.

The affected ZIP codes are: 48503 and 48504

I don't know if you have this, but here is our release: http://www.michigan.gov/snyder/0,4668,7-277--366800--,00.html

And here is the video of the press conference: http://www.michigan.gov/snyder/0,4668,7-277-60112-268720--,00.html

Let me know if you need additional information.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI nobile
Twitter:@michigandmurray

From: Hollins, Harvey (GOV)
Sent: Thursday, October 08, 2015 5:15 PM
To: Murray, David (GOV)
Subject: Re: Kildee's statement
Attachments: image001.jpg

Kildee should also ask for federal assistance, I thought that was one of the reasons why Flint voters sent him to DC. SMH

On Oct 8, 2015, at 2:16 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

October 8, 2015

Congressman Dan Kildee (MI-05) issued the following statement today after Governor Snyder announced that the city of Flint would reconnect to the Detroit water system:

"Reconnecting to the Detroit water system is the right next step to provide Flint residents with safe drinking water. But how Flint pays for safe water until the Karegnondi Water Authority is operational is a separate question.

"Flint is a financially distressed city, and it should not have to empty out its bank account to pay for the state's failures. The decision to switch to the Flint River water source was made while the city was under state emergency management, and now it is incumbent on Governor Snyder and the state to fix – and pay – for the problem they created.

"Flint paying anything for the problem that the state created in the first place means that other improvements, including to the city's aging water infrastructure system, could be delayed. This is especially troublesome considering that the state of Michigan has consistently cut tens of millions of dollars of revenue sharing to the city of Flint in recent years.

"Flint residents are also Michigan residents, who pay state taxes and, like every other city in our state, expect clean and safe drinking water. The state of Michigan created this problem, and they need to pay for the solution to fix it."

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

<image001.jpg>

From: Wurfel, Brad (DEQ)
Sent: Friday, October 09, 2015 1:14 PM
To: Wyant, Dan (DEQ); Krisztian, George (DEQ); Shekter Smith, Liane (DEQ)
Cc: Murray, David (GOV)
Subject: FW: What do you need?

From Mlive.
b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Friday, October 09, 2015 12:53 PM
To: Wurfel, Brad (DEQ)
Subject: RE: What do you need?

I left a voicemail.
I'm working on a story about how the state determined there was an issue with lead in Flint water.
The director spoke to the timeline yesterday (first 100 tests showing the 6ppb reading, the start of a second round of testing that ended up coming back 11 ppb, the notice to the city in august about corrosion control).
My question is pretty simple. Why didn't something more happen at the first sign of elevation (end of 2014 when tests showed just a slightly elevated level at 6 ppb)?
I have notes from the director talking yesterday about following the protocol of testing again per epa rules, but I didn't know if there was any other action, heads-up to the city or internal discussion about what might be happening by the state.
I also know 6bbp is well within the 15 ppb threshold, but it's a question I've been hearing. Just want to make sure I've got the whole answer from your end.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Friday, October 09, 2015 12:35 PM
To: Ronald Fonger
Subject: What do you need?

See I missed your call. What's news today?

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713

PPI cell

From: Bowling, Joe'L (GOV)
Sent: Monday, October 12, 2015 4:52 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: PHONE MESSAGE: Chad Halcom - Crain's Detroit Business

Name: Chad Halcom
Outlet: Crain's Detroit Business
Topic: Time table for bill intro involving Flint and Detroit Water and Sewage Department
Phone: 313-446-6796
Email: chalcom@crain.com
Deadline: n/a

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Tuesday, October 13, 2015 11:24 AM
To: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Snyder, Rick (GOV)
Cc: Kelly Rossman-McKinney; Darnell Earley
Subject: Fw: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

All,

Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:

"The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County."

Please let him know if you have any questions.

Thanks.

Michelle Z.

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy
Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

810-347-9963 - rfonger1@mlive.com
Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier
Office Manager
Detroit Public Schools
Office of Communications
Fisher Building, 14th Floor
3011 West Grand Boulevard
Detroit, MI 48202
(313) 873-3494 desk
(313) 873-6269 fax

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Tuesday, October 13, 2015 11:38 AM
To: Michelle Zdrodowski
Cc: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Snyder, Rick (GOV); Darnell Earley
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Works for me!

Sent from my iPhone

On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:

> All,
>
> Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:
>
> "The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace the crumbling water distribution system that exits throughout Flint and Genesee County."
>
> Please let him know if you have any questions.
>
> Thanks.
>
> Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI, mobile

From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
To: Michelle Zdrodowski; Chrystal Wilson; Da'Stanza Murphy
Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

810-347-9963 - rfonger1@mlive.com

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 13, 2015 11:49 AM
To: Kelly Rossman-McKinney
Cc: Michelle Zdrodowski; connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Snyder, Rick (GOV); Darnell Earley
Subject: Re: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)-D. Earley Response

Calling you now, Michelle.

Thanks much,
SW

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

On Oct 13, 2015, at 11:37 AM, Kelly Rossman-McKinney <krossman@truscottrossman.com> wrote:

> Works for me!
>
> Sent from my iPhone
>
> On Oct 13, 2015, at 11:24 AM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:
>
> > All,
> >
> > Mr. Earley asked me to share with you his response to the below media inquiry. It was as follows:
> >
> > "The decision to separate from DWSD and go with the Karegnondi Water Authority, including the decision to pump Flint river water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 in March of 2013 - a full seven months before I began my term as Emergency Manager. That vote was supported and signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. It was my responsibility to implement the previously accepted and approved plan as the contract with DWSD expired in April 2014 during my term as EM. It did not fall to me to second guess or to invalidate the actions that were taken prior to my appointment. An even bigger concern that everyone should be focused on moving forward is what is done in the long-term to replace

the crumbling water distribution system that exits throughout Flint and Genesee County."

Please let him know if you have any questions.

Thanks.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Debbie Frazier
Sent: Tuesday, October 13, 2015 10:27 AM
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Subject: Media Call: Ron Fonger - Flint Journal (Deadline ASAP)

Ron Fonger - Flint Journal

810-347-9963 - rfonger1@mlive.com

Re: The State Democratic Party just issued a letter to the Governor to fire Mr. Earley due to his decision the switch the water system. As soon as he's done writing, he will issue it online but wants to include a statement for Mr. Earley.

Debbie Frazier

Office Manager

Detroit Public Schools

Office of Communications

Fisher Building, 14th Floor

3011 West Grand Boulevard

Detroit, MI 48202

(313) 873-3494 desk

(313) 873-6269 fax

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 13, 2015 12:18 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV)
Subject: Fwd: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

Please see below.

We're going to address by noting that this move to was something that community had supported as well, that we know Darnell cares deeply about kids and the residents he serves, but that primarily we're focused on future and all the steps we are taking in collaboration with all parties to ensure that Flint has safe drinking water and we're protecting public health, and that we will be conducting a full after action review.

Let me know ASAP if anyone has any concerns with that or other tweaks/ideas, otherwise, that's what we're going with.

Thanks and best,
SW

Sent from my iPad

Begin forwarded message:

> **From:** Ronald Fonger <RFONGER1@mlive.com>
> **Date:** October 13, 2015 at 10:12:12 AM EDT
> **To:** "wurfels@michigan.gov" <wurfels@michigan.gov>
> **Subject: FW: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable**
>
> Sara:
> Would your office want to comment on this call from state Dems for the governor to fire Darnell Earley from his position with the Detroit schools?
> Thanks,
>
> **Ron Fonger**
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com
> address 540 S. Saginaw St. #101, Flint MI 48502

From: MDP Press [mailto:press@michigandems.com]
Sent: Tuesday, October 13, 2015 8:52 AM
To: MDP Press
Subject: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

FOR IMMEDIATE RELEASE
News from the Michigan Democratic Party

October 13, 2015
Contact: Paul Kanan, 517.371.5410; pkanan@michigandems.com

MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

LANSING – The Michigan Democratic Party issued the following statement today, on behalf of Party Chair Brandon Dillon, demanding those responsible for the Flint water crisis be held accountable and calling on Governor Snyder to immediately fire former Flint EM, and current EM for Detroit Public Schools, Darnell Earley:

"Accountability in government means answering to the people you serve, not just cleaning up your mistakes using their money," said Brandon Dillon, Chair of the Michigan Democratic Party.

"This catastrophe began with the governor's appointed emergency manager, and as much as Governor Snyder would like to pretend, this is not a matter of negotiating at the boardroom table. This is a situation where you pay for your mistakes and put those responsible on the chopping block.

"That is why we are calling for the immediate firing of the governor's handpicked emergency manager for Flint, Darnell Earley. Earley was in charge when the decision was made to switch the city to unsafe drinking water. If poisoning children wasn't bad enough, after Earley failed the citizens of Flint, the governor inexplicably rewarded him with another appointment – emergency manager for Detroit Public Schools – where he is now responsible for the education of nearly 50,000 students.

"The children of Flint and Detroit are being robbed of what most of us take for granted – safe drinking water and a quality education. The wholesale theft of our children's futures must end now. That begins with the removal from power all those that would sacrifice the future of a single child in Michigan – let alone thousands – in order to add a few extra dollars to the bottom line."

###

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Tuesday, October 13, 2015 12:49 PM
To: Murray, David (GOV)
Subject: FW: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

Dave: Just finishing this post up and had not heard from Sara.
Thought I'd give it one more try with you.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger
Sent: Tuesday, October 13, 2015 10:12 AM
To: 'wurfels@michigan.gov'
Subject: FW: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

Sara:
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Thanks,

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MLive Media Group
Reporter

mobile PPI
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October 13, 2015
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###

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, October 14, 2015 9:57 AM
To: Wurfel, Sara (GOV)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV); Murray, David (GOV)
Subject: Flint-Egan

Importance: High

Sara…

Let me know if you might have 15-20 minutes this am, for me to walk over and share some information & thoughts or otherwise discuss the response to Egan.

The Flint RTAB meets at 2pm today…so I am leaving for Flint by 1. The RTAB is taking up the city's resolution to pay $2 m for the reconnect to DWSD.

Thanks, T

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Thursday, October 15, 2015 10:55 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: A news media question

Hi,

The senate has passed the Flint water funding bill.

When does the governor plan to sign it?

Steve Carmody
Michigan Radio

From: Heaton, Anna (GOV)
Sent: Thursday, October 15, 2015 11:34 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Subject: Draft PR for supplemental signing
Attachments: PR 151015 Flint water supp Signing.docx

Wanted to have someone proof and check messaging, then I will run it by DEQ/DHHS and leg. for approval.

Anna Heaton
Public Relations Advisor | Gov. Rick Snyder
o: 517-241-6049 | c: PPI
@Republicanna

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Thursday, Oct. 15, 2015

Gov. Rick Snyder signs bill authorizing funding for Flint to move back to Detroit water system

LANSING, Mich. – Gov. Rick Snyder has signed legislation that will direct funding to the City of Flint's emergency water services to reconnect the city's water supply to the Great Lakes Water Authority.

"The signing of this funding bill is the resolution of a serious problem and I'm pleased so many parties came together to help deliver safe drinking water to the city of Flint," Snyder said. "Reconnecting to the Great Lakes Water Authority is only the first step, as the state will continue testing and inspections to ensure Flint families and children have clean water in their homes and schools."

House Bill 4102, sponsored by state Rep. Al Pscholka, authorizes $6 million to move the city back to Detroit's water system.

In addition to the $6 million:

- $300,000 goes to the Department of Environmental Quality's (DEQ) drinking water and environmental health services;
- $1 million will provide for DEQ to test water samples throughout the reconnection process;
- $1 million allows the Department of Health and Human Services to purchase and distribute water filters to Flint residents;
- $850,000 will aid in follow-up services for children, including lead testing and care for those with abnormal levels;
- $200,000 will fund state plumbing inspections for schools and health facilities.
- The City of Flint city government will provide $2 million toward reconnecting the water supply and the Charles Stewart Mott Foundation has committed $4 million.

The bill was approved unanimously in both the House and Senate and is now Public Act 143 of 2015.

For more information on this and other legislation, please visit www.legislature.mi.gov.

####

From: Heaton, Anna (GOV)
Sent: Thursday, October 15, 2015 11:58 AM
To: Lasher, Geralyn (DHHS); Wurfel, Brad (DEQ); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: Supplemental signing PR for review
Attachments: PR 151015 Flint water supp Signing.docx

Let me know if you have changes.

Thanks,

Anna Heaton
Public Relations Advisor|Gov. Rick Snyder
o: 517-241-6049|c: PPI
@Republicanna

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Thursday, Oct. 15, 2015

Gov. Rick Snyder signs bill authorizing funding for Flint to move back to Detroit water system

Temporary reconnection provides best protection for public health

LANSING, Mich. – Gov. Rick Snyder has signed bipartisan legislation that will direct funding to the City of Flint's emergency water services to reconnect the city's water supply to the Great Lakes Water Authority until the Karegnondi Water Authority pipeline is completed.

"The signing of this funding bill is the resolution of a serious problem and I'm pleased so many parties came together to help deliver safe drinking water to the city of Flint," Snyder said. "Reconnecting to the Great Lakes Water Authority is only the first step, as the state will continue testing and inspections to ensure Flint families and children have clean water in their homes and schools."

House Bill 4102, sponsored by state Rep. Al Pscholka, authorizes $6 million to move the city back to Detroit's water system until the new pipeline is finished.

In addition to the $6 million:

- $300,000 goes to the Department of Environmental Quality's drinking water and environmental health services;
- $1 million will provide for DEQ to test water samples throughout the reconnection process;
- $1 million allows the Department of Health and Human Services to purchase and distribute water filters to Flint residents;
- $850,000 will aid in follow-up services for children, including lead testing and care for those with abnormal levels;
- $200,000 will fund state plumbing inspections for schools and health facilities.
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####

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Thursday, October 15, 2015 12:13 PM
To: Murray, David (GOV)
Subject: Re: A news media question

And that's when he'll sign it? Will there be a ceremony or something in private?

On Thu, Oct 15, 2015 at 12:00 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Hi Steve,

Governor appreciates the quick action and unanimous support from our partners in the Legislature. Capitol staff are working to bring a bill to the governor as soon as possible, likely before the end of the day.

Dave

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Thursday, October 15, 2015 10:55 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: A news media question

Hi,

The senate has passed the Flint water funding bill.

When does the governor plan to sign it?

Steve Carmody

Michigan Radio

From: Wurfel, Brad (DEQ)
Sent: Thursday, October 15, 2015 12:33 PM
To: Heaton, Anna (GOV); Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: RE: Supplemental signing PR for review

Hi, Anna. Quick observation on this line:
"The signing of this funding bill is the resolution of a serious problem and I'm pleased so many parties came together to help deliver safe drinking water to the city of Flint,"

I would suggest the word "resolution" not be employed there. Maybe the signing of the bill "begins to address", or maybe "allows us to respond" to the serious problem.

From: Heaton, Anna (GOV)
Sent: Thursday, October 15, 2015 11:58 AM
To: Lasher, Geralyn (DHHS); Wurfel, Brad (DEQ); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: Supplemental signing PR for review

Let me know if you have changes.

Thanks,

Anna Heaton
Public Relations Advisor | Gov. Rick Snyder
o: 517-241-6049 | c: PPI
@Republicanna

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Thursday, October 15, 2015 12:45 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: Flint Water Fix Bill passage

Hello,

ABC12 is in Lansing today and wanted to be in the loop on getting information when the Governor signs the Flint Water Fix Bill.

I also wanted to ask- the money approved is intended to tie the city over until KWA is up and running which we heard is expected to be June of 2016- what if KWA is not ready? Would Flint continue to stay on Detroit water system- if so, who/how would that bill be paid? Or would city be forced back onto River Water?

Thanks,
Damon

Damon Maloney
abc12 News
Sent from my iPhone

From: Macaluso, Nora <nmacaluso@bna.com>
Sent: Thursday, October 15, 2015 1:04 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: flint water

Can you tell me when governor will sign Flint water appropriations bill?
thanks

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Wurfel, Sara (GOV)
Sent: Thursday, October 15, 2015 1:18 PM
To: 'Macaluso, Nora'; Murray, David (GOV)
Subject: RE: flint water

As soon as we can receive it, Nora. Hopefully yet today to help keep the process moving forward as quickly as possible.

Governor appreciates the quick action and unanimous support from the Legislature and everyone working and pulling together on this priority.

From: Macaluso, Nora [mailto:nmacaluso@bna.com]
Sent: Thursday, October 15, 2015 1:04 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: flint water

Can you tell me when governor will sign Flint water appropriations bill?
thanks

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Eisner, Jennifer (DHHS)
Sent: Thursday, October 15, 2015 4:41 PM
To: Wurfel, Brad (DEQ); Heaton, Anna (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: RE: Supplemental signing PR for review

For the 4th bullet, can we change it to "$850,000 will aid in follow up services for children, including testing, investigations, and case management for those with elevated blood lead levels."

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

From: Wurfel, Brad (DEQ)
Sent: Thursday, October 15, 2015 12:33 PM
To: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Subject: RE: Supplemental signing PR for review

Hi, Anna. Quick observation on this line:
"The signing of this funding bill is the resolution of a serious problem and I'm pleased so many parties came together to help deliver safe drinking water to the city of Flint,"

I would suggest the word "resolution" not be employed there. Maybe the signing of the bill "begins to address", or maybe "allows us to respond" to the serious problem.

From: Heaton, Anna (GOV)
Sent: Thursday, October 15, 2015 11:58 AM
To: Lasher, Geralyn (DHHS); Wurfel, Brad (DEQ); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ)
Cc: Murray, David (GOV)
Subject: Supplemental signing PR for review

Let me know if you have changes.

Thanks,

Anna Heaton
Public Relations Advisor|Gov. Rick Snyder
o: 517-241-6049|c: [PPI]
@Republicanna

From: Wurfel, Brad (DEQ)
Sent: Friday, October 16, 2015 2:01 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Please bless our reaction to the US EPA announcement?

Regarding the EPA announcement:
"We are glad to have the continued technical support and counsel from our federal partners. We have been working closely with the U.S. EPA on the challenges in Flint, including their added presence on the city's technical advisory and the Governor's 10-point plan. This is welcome news and we anticipate it will help us implement the Governor's strategy."

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Sara (GOV)
Sent: Friday, October 16, 2015 2:07 PM
To: Murray, David (GOV)
Subject: Re: Please bless our reaction to the US EPA announcement?

Dave will you please make sure sure to share with Jared, Dennis, Rich, and Harvey too?

Sent from my iPhone

On Oct 16, 2015, at 1:02 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Just one little change, a matter of subject and verb agreement:
>
> Regarding the EPA announcement:
> "We are glad to have the continued technical support and counsel from our federal partners. We have been working closely with the U.S. EPA on the challenges in Flint, including **its** added presence on the city's technical advisory and the Governor's 10-point plan. This is welcome news and we anticipate it will help us implement the Governor's strategy."
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> ---
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> **Sent:** Friday, October 16, 2015 2:01 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
> **Subject:** Please bless our reaction to the US EPA announcement?
>
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> "We are glad to have the continued technical support and counsel from our federal partners. We have been working closely with the U.S. EPA on the challenges in Flint, including their added presence on the city's technical advisory and the Governor's 10-point plan. This is welcome news and we anticipate it will help us implement the Governor's strategy."
>
> Brad Wurfel
> Communications Director
> Michigan Department of Environmental Quality
> 517-284-6713
> PPI cell

From: Biehl, Laura (GOV)
Sent: Friday, October 16, 2015 2:48 PM
To: Bedan, Morgan (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Media Briefings: PRINT media for Monday

RDS/JW/SW- PRINT interview with Hiram Jackson and Keith Owens of the Michigan Chronicle

Date: Monday, Oct. 19, 2015

Time: 11:05-11:30 a.m.

Location: Governor's Office at SEMI

Purpose: Not Responsive

Possible Topics:

- Not Responsive
- Flint water

Recent articles:

Not Responsive

Not Responsive

Last interview: Not Responsive

Market: Not Responsive

Contact: Hiram cell: PPI Office: 313-963-5522

RDS/JW/DMurray- PRINT interview with Crain's Detroit Business' editorial and reporting teams

Date: Monday, Oct. 19, 2015

Time: 12:15-12:45 p.m.

Location: Crain's Detroit Business Board Room, 1155 Gratiot Avenue, Detroit

Purpose: Not Responsive

Reporters participating:
Mary Kramer- publisher
Jennette Smith- editor
Michael Lee- new managing editor
Sherri Welch- senior reporter
Lindsay VanHulle – Lansing correspondent

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Last interview: 8/24/15 with Lindsay VanHulle from China

Market: Not Responsive

Contact: Michael cell: PPI ; Jennette cell: PPI

Security POC: Barbara Cooney- 313-446-1669

RDS/JW/SW- PRINT interview with Detroit News' reporting and editorial teams

Date: Monday, Oct. 19, 2015

Time: 12:55-1:35 p.m.

Location: Detroit News offices – 160 W. Fort St. – 3rd floor

Purpose: Not Responsive

Possible Topics:

- Not Responsive
- Flint water

Reporters participating (Subject to change):
Ingrid Jacques
Kaitlyn Buss
John Wolman
Chad Livengood
Richard Burr
Shawn Lewis

NOTE: Nolan is in Paris with his granddaughter

Recent articles:
State's $6M aid for Flint water switch signed into law:
http://www.detroitnews.com/story/news/politics/2015/10/15/flint-get-aid-switch-drinking-water/73986956/

Not Responsive

Last interview: 9/16/15 with Daniel Howes from Japan

Market: Not Responsive

Contact: Ingrid cell: PPI; Ingrid desk: 313-223-4610

RDS/JW/SW- PRINT interview with Detroit Free Press' reporting and editorial teams

Date: Monday, Oct. 19, 2015

Time: 1:40-2:20 p.m.

Location: Detroit Free Press offices- 160 Fort St. – 2nd floor

Purpose: Not Responsive

Possible Topics:

- Not Responsive

- Not Responsive
- Flint water

Reporters participating:
Stephen Henderson
Brian Dickerson
Nancy Kaffer
Jewel Gopwani
Ann Zaniewski
Lori Higgins
Paul Egan or Kathy Gray
Rochelle Riley
Tom Walsh

Recent articles:

Not Responsive

State funding for Flint water is just a down payment: http://www.freep.com/story/news/columnists/rochelle-riley/2015/10/16/state-funding-flint-water-down-payment/73977446/
Senate approves, Snyder signs cash for Flint water fix: http://www.freep.com/story/news/local/michigan/2015/10/15/senate-gives-quick-unanimous-approval-flint-water-fix/73979168/

Not Responsive

Last interview: 9/16/15 w/ Matt Dolan re: Japan/Germany

Market: Not Responsive

Contact: Selma- PPI Jewel- PPI

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI *new number
BiehlL@Michigan.gov

Subject: RDS/DMurray- TAPED TV interview with Devin Scillian for WDIV'S Flashpoint and TAPED TV news interview with TBD of WDIV-TV
Location: 550 W Lafayette Blvd, Detroit, MI 48226

Start: Mon 10/19/2015 2:30 PM
End: Mon 10/19/2015 3:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

(2:30-2:45- Flashpoint, 2:50-3 News)

Purpose: Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:
Flashpoint portal: http://www.clickondetroit.com/news/politics/flashpoint/1718960
Flashpoint: Experts debate gun regulation, Flint water crisis-
http://www.clickondetroit.com/news/politics/flashpoint/flashpoint-experts-debate-gun-regulation-flint-water-crisis/35777418

Not Responsive

Flashpoint: Panel discusses handling of Flint water crisis-
http://www.clickondetroit.com/news/politics/flashpoint/flashpoint-panel-discusses-handling-of-flint-water-crisis/35777612

Last interview: 6/17/15 w/ Rod Meloni re: Budget signing

Market: Detroit metro / streamed online at clickondetroit.com

Contact: Olive (producer)- PPI Back-up- PPI

Subject: RDS/DMurray- LIVE TV interview with Stephen Clark and JoAnn Purtan on WXYZ's "The Now"; then TAPED TV interview with Chuck Stokes

Location: 20777 W. Ten Mile Rd., Southfield, Michigan 48075

Start: 10/19/2015 4:15 PM

End: 10/19/2015 4:45 PM

Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar

Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

Resources: 20777 W. Ten Mile Rd., Southfield, Michigan 48075

(4:15-4:25 p.m. LIVE; 4:30-4:40 TAPED with Chuck Stokes

Purpose: Not Responsive

Not Responsive

Possible Topics:

- Not Responsive
- Flint water

NOTE: Not Responsive

Reminder: Not Responsive

Not Responsive

Recent articles:

Not Responsive

Snyder supports switching Flint water system back to Detroit:
http://www.wxyz.com/news/governor-snyder-to-make-announcement-thursday-about-water-crisis-in-flint

State and health officials address Flint water crisis, introduce plan of action:
http://www.wxyz.com/news/watch-live-at-130-state-health-officials-address-flint-water-crisis

Last interview: 4/30/15 re: DPS

Market: Detroit metro / streamed online {HYPERLINK "http://wxyz.com" }

Contact: Dan Zacharek (Managing Editor)- PPI Backup: PPI Newsroom)

From: Wurfel, Brad (DEQ)
Sent: Sunday, October 18, 2015 3:34 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: DRAFT response to Detroit News -- PLEASE REVIEW ASAP
Attachments: Document3.docx

Importance: High

Brad,

After reviewing the emails made available through FOIA, there are several things that seem to need addressing.

1. It appears DEQ staffers have essentially downplayed or ignored warning signs from EPA's water expert, Miguel Deltoral. We have been aware of Mr. Deltoral's unofficial memo that went public in April. But his email dated two months earlier on Feb. 27, to Jennifer Crooks and Mike Prysby, he seems to lay out exactly what's come to pass...

"(Particulate lead readings) Folks tend to discount these values as anomalies, but particulate lead release is a normal part of the corrosion process and it is universal (common) in all systems. It's just that it's not captured as often by the infrequent LCR sampling. If systems are pre-flushing the tap the night before collecting LCR compliance samples (MDEQ) still provides these instructions to public water systems) this clears particulate lead out of the plumbing and biases the results low by eliminating the highest lead values. If systems are pre-flushing and still finding particulate lead, the amount of particulate lead in the system can be higher than what is being detected using these "pre-flushed" first-draw samples.

"My point on that was that people are exposed to the particulate lead on a daily basis, but the particulate lead is being flushed away before collecting compliance samples which provides false assurance to residents about the true lead levels in the water."

Miguel goes on to address the optimal corrosion control situation in that same Feb 27 email.

"If I remember correctly, Detroit is feeding (phosphate) for the lead/copper rule, but since Flint is no longer part of that interconnection, I was wondering what their OCCT was. They are required to have OCCT in place which is why I was asking what they were using."

So what I'm seeing here is Miguel having raised these issues as far back as February. When unofficial April memo shows up, it's clear these issues still haven't been addressed.

Another email from the day before came from Jennifer Crooks at EPA which also highlights early concern about a lack of proper corrosion controls as well as the testing methods.
"The City can't just flush in advance of taking the compliance samples, they have to flush the lines on a regular basis."

Can you respond to the fact that it appears the state ignored or disregarded several warnings from EPA officials about testing deficiencies and insufficient corrosion controls?

Emails offer snapshots of a much broader conversation. The program staff did not ignore the information. They believed they were handling the situation in full accordance with federal protocols, and contacted EPA Region 5 officials promptly to seek guidance. They were more than halfway done with compliance sampling under the federal protocol and the 90^{th} percentile samples to that point showed 6 pbb – barely in excess of the 5 pbb threshold.

2. Corrosion control, or the lack thereof, seems to be another major problem here. At the first of the recent press conferences, Dan Wyant said that lime was being used as a corrosion control method. But that is clearly contradicted by DEQ staff at several points. One of those is Pat Cook's email from April 24.
"Flint is currently not practicing corrosion control treatment at the (water treatment plant)."
This puts Dan's comments about the lime into question.
There's been some confusion on this point, and I think it was addressed in our previous response. This was a misunderstanding with technical staff. Lime was added to soften the water. While it adjusts pH and can have some impact on corrosivity, it was insufficient corrosion control.

3. I gather from several exchanges in here that EPA and DEQ disagree over that the state's responsibility was in ensuring there was optimal corrosion control. One of the emails from July includes notes from a meeting of all the parties shows that EPA was asking why that hadn't been used from the outset, and the state's response was something along these lines:

""MDEQ explained that they did not treat the switch to Flint River water as a "new system," but as a new source. It is their understanding that two rounds of 6-month testing is still needed to characterize the water quality. They don't know what optimized is until those two rounds of six month monitoring are completed."

Under the lead copper rule, was the state required to have phosphate treatment in place? It appears here that the state chose to interpret the CLR as not requiring corrosion control. That seems like a highly dubious conclusion.

And after concerns were raised repeatedly beginning (at least as early as February), why was nothing done?

That's the big question. What has become clear in recent weeks is that staff believed they were handling the situation in accordance with the proper protocol for a water provider using a new source, but the federal Lead and Copper rule has a particular provision for communities over 50,000 people; that the system operator must continue treating with full corrosion control even as they test the water.

What the staff did would have been the proper protocol for a community under 50,000 people. None of the DEQ staff in this division had ever worked on a water source switch for a community over 50,000 people – it's uncommon for our big communities to switch sources.

It's increasingly clear there was confusion here, but it also is increasingly clear that DEQ staff believed they were using the proper federal protocol and they were not.

The Governor will soon announce an independent, third party, after-action review to detail what happened and why, and offer steps to make sure Michigan's drinking water program is on a better course in the future.

4. Another area of concern, one I mentioned on the phone, is the pace of response. And I understand that the lead copper rule lays out response times. But you have concerns being raised about lead by an EPA expert as far back as February. The state's response, in several instances, is that federal guidelines give us two six-month periods to collect samples, and then more time to submit an action plan, and then a year or more to enact that plan.

   While those delays in making a change may be permitted under the law, given that we're talking about a possible public health crisis, why wasn't there more expediency? The responses in these

emails appear to be without any sense of urgency at a time when Flint residents may have been drinking dangerous water.

The results of two rounds of water testing showed the city needed to move to optimizing its corrosion control. That order was issued Aug. 17.

5. At many points along the way, serious concerns are made about the state's testing methods. The Virginia Tech results were not the first time someone had indicated state testing – as approved by federal guidelines – might not be giving accurate readings.

> Miguel's April memo reads: "I wanted to follow up on this because Flint has essentially not been using any corrosion control treatment since April 30, 2014 and they have (lead service lines). Given the very high lead levels found at one home and the pre-flushing happening in Flint, I'm worried that the whole town may have much higher lead levels than the compliance results indicated, since they are using pre-flushing ahead of their compliance sampling."

There is substantial controversy over the lead and copper rule – the EPA has been working for years on ways to update it, and Michigan will be an active part of that conversation going forward. The situation in Flint is a snapshot of an issue affecting cities around the state and the nation. More than a dozen states use the sampling protocol Michigan uses – that's not a defense of the protocol, but rather an indication that even experts on the issue disagree about the most effective testing methods.

What everyone can agree on is that lead is a serious issue. And I think everyone can agree that when the state came to recognize that there could be a health threat in the city, we took action fast. We are now engaged in an unprecedented effort to protect kids and families in Flint, develop more knowledge about what has happened and how people were affected, and take steps to make sure it doesn't happen again – in Michigan, or anywhere else.

All the people who brought this issue forward deserve credit for bringing it to us. Our actions reflected inexperience, and our public response to criticism was the wrong tone early in this conversation. But the best we can do with the situation going forward is represented in our present course – the Governor's plan represents all the suggestions outlined in the draft EPA memo, the Virginia Tech report, and the guidance we've gotten from EPA.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in protection.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Wyant, Dan (DEQ)
Cc: Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Importance: High

This is going out to media as soon as I've got green light from folks in the "to" line. Everyone else is also welcome to share thoughts as well.
Thanks for fast review.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI ell

DEQ Director Dan Wyant today made the following statement as he announced DEQ Chief Deputy Jim Sygo will immediately assume the role of interim chief of the department's Office of Drinking Water and Municipal Assistance:

"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Wyant, Dan (DEQ)
Sent: Monday, October 19, 2015 9:08 AM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

I'm good with this.

Sent from my iPhone

On Oct 19, 2015, at 8:35 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

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> Everyone else is also welcome to share thoughts as well.
> Thanks for fast review.
> b
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> Brad Wurfel
> Communications Director
> Michigan Department of Environmental Quality
> 517-284-6713
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From: Muchmore, Dennis (GOV)
Sent: Monday, October 19, 2015 9:13 AM
To: Wyant, Dan (DEQ)
Cc: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Difficult but necessary. DEQ professionals have made every effort to overcome all the issues put before them and all we can do is continue to persevere.

On Oct 19, 2015, at 9:07 AM, Wyant, Dan (DEQ) <WyantD@michigan.gov> wrote:

> I'm good with this.
>
> Sent from my iPhone
>
> On Oct 19, 2015, at 8:35 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:
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> > Michigan Department of Environmental Quality
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> > **PPI** cell
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All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

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Subject: RDS/JW/SW- PRINT interview with Hiram Jackson and Keith Owens of the Michigan Chronicle
Location: Governor's SEMI Office

Start: Mon 10/19/2015 11:05 AM
End: Mon 10/19/2015 11:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV); Hall, Jean (GOV); Walsh, John (GOV)

Purpose: Not Responsive

Possible Topics:

- Not Responsive
- Flint water

Recent articles:

Not Responsive

NOTE: Not Responsive

Not Responsive

Last interview: 5/28/15 at Mackinac (with Bankole who now left the Chronicle)

Market: Southeast Michigan- online at michiganchronicle.com

Contact: Hiram Cell: PPI Office: 313-963-5522

From: Agen, Jarrod (GOV)
Sent: Monday, October 19, 2015 11:02 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Importance: High

I'm guessing you've covered it already, but please make sure Gov is aware of Dan's comments on DEQ "mistakes" before the Ed Boards.
Dan sent the Gov a note yesterday to make sure he was aware. But I'm sure it will at least come up today.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP
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PPI ell

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"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has

called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Wurfel, Sara (GOV)
Sent: Monday, October 19, 2015 11:10 AM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Yep - briefly covered with him earlier. Am sure Freep will push him pretty hard.

Sent from my iPhone

On Oct 19, 2015, at 11:02 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> I'm guessing you've covered it already, but please make sure Gov is aware of Dan's comments on DEQ "mistakes" before the Ed Boards.
> Dan sent the Gov a note yesterday to make sure he was aware. But I'm sure it will at least come up today.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP
Importance: High

This is going out to media as soon as I've got green light from folks in the "to" line.
Everyone else is also welcome to share thoughts as well.
Thanks for fast review.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

DEQ Director Dan Wyant today made the following statement as he announced DEQ Chief Deputy Jim Sygo will immediately assume the role of interim chief of the department's Office of Drinking Water and Municipal Assistance:

"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they

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4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 2:33 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: Third-Party review question

Where we at with this announcement?

Sent from my iPhone

Begin forwarded message:

> **From:** "Wisely, John" <jwisely@freepress.com>
> **Date:** October 19, 2015 at 12:52:49 PM EDT
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Subject: Third-Party review question**
>
> Brad:
>
> The statement from Dan Wyant includes this:
> The Governor has called for an independent, third-party after-action review.
>
> Questions:
> Who/what is the third party?
> Is it the legislature?
> A committee of experts to be appointed?
> Senate Minority leader (from Flint) wants legislative review. Is that something the state is prepared to assist with?
> Please let me know asap.

John Wisely
Reporter

Phone: 313-222-6825
jwisely@freepress.com
Follow me on Twitter: @jwisely

Freep.com

From: Wurfel, Sara (GOV)
Sent: Monday, October 19, 2015 2:35 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV)
Subject: Re: Third-Party review question

Send him our way, pls - we're going to say something like this for now "Pulling together this after action review team and plan is actively underway now. We'll have something to announce and discuss soon."

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

On Oct 19, 2015, at 2:32 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Where we at with this announcement?
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** "Wisely, John" <jwisely@freepress.com>
> **Date:** October 19, 2015 at 12:52:49 PM EDT
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Subject: Third-Party review question**
>
> Brad:
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>
> John Wisely
> Reporter
>
> Phone: 313-222-6825
> jwisely@freepress.com
> Follow me on Twitter: @jwisely

Freep.com

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 3:07 PM
To: Wisely, John
Cc: Murray, David (GOV)
Subject: RE: Third-Party review question

John, that's the Governor's office to discuss. Dave, can you weigh in here?
b

From: Wisely, John [mailto:jwisely@freepress.com]
Sent: Monday, October 19, 2015 12:53 PM
To: Wurfel, Brad (DEQ)
Subject: Third-Party review question

Brad:

The statement from Dan Wyant includes this:
The Governor has called for an independent, third-party after-action review.

Questions:
Who/what is the third party?
Is it the legislature?
A committee of experts to be appointed?
Senate Minority leader (from Flint) wants legislative review. Is that something the state is prepared to assist with?
Please let me know asap.

John Wisely
Reporter

Phone: 313-222-6825
jwisely@freepress.com
Follow me on Twitter: @jwisely

Freep.com

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 5:02 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: PROPOSED flint journal response.

The DEQ felt it important to acknowledge its responsibility for misinterpreting a federal protocol. We believe it is a critical step to rebuilding trust and confidence in the community.

That recognition is coupled with our demonstrated commitment to actions – near-term and long-term, to do what is necessary to ensure city residents have safe drinking water.

The Governor's after-action review is expected to bring more clarity and provide more answers on what has already happened. The DEQ is now focused on helping implement the Governor's plan – an unprecedented effort to bring resources to protecting the community and addressing lead concerns.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, October 19, 2015 4:13 PM
To: Wurfel, Brad (DEQ)
Subject: FW: PRESS RELEASE: Mayor Dayne Walling Response to MDEQ's Admission of Fault in Flint's Water Emergency

Any comment from your office?

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Monday, October 19, 2015 4:11 PM
Subject: PRESS RELEASE: Mayor Dayne Walling Response to MDEQ's Admission of Fault in Flint's Water Emergency

For Immediate Release

Mayor Dayne Walling Response to MDEQ's Admission of Fault in Flint's Water Emergency

Flint, Michigan – October 19, 2015 – The following is a response from Mayor Dayne Walling regarding the MDEQ's statement admitting fault in the Flint water emergency:

Today, the Michigan Department of Environmental Quality (MDEQ) acknowledges its leading role in the decision-making that led to the contamination of Flint's drinking water. The people of Flint hear this admission and we demand that the State fully fix this problem they caused. While the State taking responsibility and the switch to Detroit water are steps in the right direction for Flint, actions speak louder than words. Now, the Governor and the State need to provide tens of millions of dollars to fix Flint's water and infrastructure as well as to provide for the families, children and schools affected. I will continue to push for changes and advocate for our City until every drop of water is 100% safe.

The MDEQ assured Flint that the switch was being handled safely and responsibly. We relied on the information from MDEQ, and clearly that information was wrong. My heart goes out to the children and families who are affected by this issue.

This morning our local Senator Jim Ananich said the following: "We do not know whether the misapplication of federal rules was intentional or due to negligence. That's why the Legislature needs to have a robust role in any investigation, and in ensuring those responsible for Flint's water crisis are held accountable." I applaud Senator Ananich's Statement and I urge the Governor and State Officials to take the necessary steps to ensure accountability so that this never happens again to any community.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 5:13 PM
To: Murray, David (GOV)
Cc: Wurfel, Sara (GOV)
Subject: Re: Third-Party review question

Please do!

Sent from my iPhone

On Oct 19, 2015, at 5:11 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> I know this one and can call John.
>
> Sent from my iPhone
>
> On Oct 19, 2015, at 2:32 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:
>
> > Where we at with this announcement?
> >
> > Sent from my iPhone
> >
> > Begin forwarded message:
> >
> > **From:** "Wisely, John" <jwisely@freepress.com>
> > **Date:** October 19, 2015 at 12:52:49 PM EDT
> > **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> > **Subject: Third-Party review question**
> >
> > Brad:
> >
> > The statement from Dan Wyant includes this:
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> John Wisely
> Reporter

Phone: 313-222-6825
jwisely@freepress.com
Follow me on Twitter: @jwisely

<image001.jpg>
Freep.com

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From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Paul Conners; Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Stanton, Terry A. (Treasury); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); haddenf@michigan.gov
Cc: Darnell Earley; Kelly Rossman-McKinney
Subject: Earley Flint Water OpEd-FOR REVIEW AND INPUT
Attachments: Earley Flint Water Op-Ed_DRAFT5.docx

All,

Darnell Earley asked that I send you the draft of an OpEd regarding the Flint Water issue that he would like to send to the media this week.

He is seeking your input before sending, and is looking for any feedback you might have by tomorrow afternoon. He has intentionally placed it on his EM letterhead as he is still acting in the capacity of an EM.

Thank you.

Michelle Z.

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI, mobile

DETROIT PUBLIC SCHOOLS

Darnell Earley, ICMA-CM, MPA
Emergency Manager

Fisher Building – 14th Floor
3011 W. Grand Boulevard
Detroit, MI 48202-2710

Phone: (313) 870-3772
Fax: (313) 870-3726
www.detroitk12.org

Op/Ed Re: Changes to Flint Water System Made By Local Leaders, Not EM ***DRAFT***
Author: Darnell Earley, ICMA-CM, MPA

It is critically important that the record be set straight about the decision-making and approval processes that led to Flint joining the Karegnondi Water Authority (KWA) with the use of Flint River water as the interim water supply. Contrary to reports in the media and rhetoric being espoused by individuals, the decision was made at the local level, by local civic leaders.

The fact of the matter is that the decision to separate from Detroit Water and Sewerage Department and go with the KWA, which included the decision to pump Flint River water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 on March 25, 2013. This plan was presented to me when I was appointed as Flint Emergency Manager - a full seven months after City Council's affirmative vote.

Genesse County Drain Commissioner Jeff Wright also made the affirmative vote by the City Council a necessary condition of joining the KAW, and applauded the decision in a March 26, 2013 news release, saying, "…I have said from the beginning that this decision must be made by Flint's City Council and Mayor…I am glad that the residents of Flint were able to have their voices heard via their elected officials."

The Mayor's approval of the plan, and the subsequent near unanimous vote by City Council were in no way coerced, forced or demanded by the State, nor any Emergency Manager. Council's affirmative vote was supported and officially signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. A subsequent order Kurtz signed on June 26, 2013, speaks specifically to the, "… upgrading of the Flint Water Plant to ready it to treat water from the Flint River to serve as the primary drinking water source for approximately two years and then converting to KWA delivered lake water."

When I began my term as Emergency Manager in October 2013, it fell to me to oversee the implementation of the previously accepted and approved plans, as the contract with DWSD expired in April 2014. It did not fall to me to question, second guess or to invalidate the actions that were taken prior to my appointment.

At the time the decision was made there was no way to predict such an unfortunate outcome. I would also offer that had local leaders known then what they know now, parts of their decision may have been entirely different. What the City of Flint and the State of Michigan are now dealing with is the management of an unintended consequence resulting in a negative outcome from an otherwise sound public policy decision. There is no "blame" to affix for that.

As the solutions are put into place to address the serious concerns at hand, I believe that everyone's attention should turn toward another serious concern -- what is being done in the long-term to replace the aged and

crumbling water distribution systems that exits throughout Flint and Genesee County, which was a major contributing factor to this serious issue in the first place.

I am a strong believer that the truth supported by fact, speaks for itself. This was a local decision that was made by local civic leaders. Anyone who says otherwise is being disingenuous for whatever reason. In the words of Mahatma Ghandi, *"Truth never damages a cause that is just."*

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 9:29 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

He absolutely needs to drop the Ghandi quote.

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 20, 2015 9:21 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Earley Flint Water OpEd-FOR REVIEW AND INPUT

On my calendar to review this morning. Somewhat of a tricky box.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:53 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
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Michelle A. Zdrodowski

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Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 20, 2015 12:14 PM
To: 'Jacob Kanclerz'; Murray, David (GOV)
Subject: RE: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go

How is this another story after yesterday's MIRS and this is from then too?

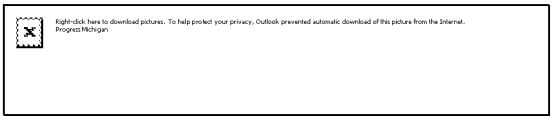
From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Tuesday, October 20, 2015 11:59 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go

Sara and Dave,

Good morning (still). Thanks for your help in tightening up the DPS alert yesterday.

Would you guys mind providing a response to this and also the Dems calling for Wyant to step down yesterday? Gov. Snyder holds the power to make this decision, so I'd like to know if he would consider doing this as the state evaluates how it handled the Flint water situation. Thank you.

---------- Forwarded message ----------
From: **Progress Michigan** <progress@progressmichigan.org>
Date: Tue, Oct 20, 2015 at 10:52 AM
Subject: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go
To: Jacob Kanclerz <jacob@mirsnews.com>



FOR IMMEDIATE RELEASE
News from Progress Michigan

October 20, 2015

Contact: Sam Inglot, 616-916-0574, sam@progressmichigan.org

Progress Michigan: MDEQ's Wyant Needs to Go

The Flint water crisis shows a lack of leadership at the MDEQ

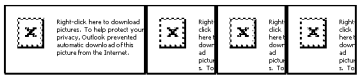
LANSING — In the wake of the Flint water crisis, where children across the city were poisoned with high levels of lead in the drinking water, Progress Michigan is calling for the ouster of the head of the Michigan

Department of Environmental Quality, Dan Wyant.

Recent reports show that Wyant and the MDEQ were warned by the Environmental Protection Agency as early as February that lead was leaching into the water pipes in Flint due to the corrosive nature of the Flint River water. Gov. Rick Snyder's emergency manager made the switch from Detroit water to Flint River water.

"You can't simply reshuffle some staff at the department to make up for poisoning thousands of Flint children. When families and kids are told their drinking water is safe and it's actually filled with toxins, someone needs to be held accountable. It starts at the top with Wyant," **said Lonnie Scott, executive director of Progress Michigan.** "He needs to resign immediately or Gov. Snyder needs to quickly show him the door. This crisis was allowed to fester and grow under his watch and Wyant needs to go. Families in Flint deserve to know that Gov. Snyder is taking this problem seriously and is willing to take serious action."

###



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--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

From: Wurfel, Brad (DEQ)
Sent: Tuesday, October 20, 2015 1:14 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Proposed response: FW: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go

Dan's response has been essentially this:

"The Governor will decide. He has called for an independent, third-party After Action Review. That group will review local decision, the water plant operation, DEQ's actions and the EPA's role, and offer its findings and recommendations to the Governor. He will do the right thing."

From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Tuesday, October 20, 2015 12:40 PM
To: Wurfel, Brad (DEQ)
Subject: Re: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go

Never mind, you can stand down on this. We're going to write a story about Ananich wanting Senate Oversight to look into Wyant/DEQ. I don't have the audio yet to give you specific details, but if you want to comment on that prospect that would also work for me.

On Tue, Oct 20, 2015 at 11:57 AM, Jacob Kanclerz <jacob@mirsnews.com> wrote:
Brad,

Good morning. Would you mind calling me about this? Both the Dems and Progress MI are asking for Director Wyant to step down. I would like to know if that's an appropriate response to this situation. Let me know when you get a chance. Thanks.

---------- Forwarded message ----------
From: **Progress Michigan** <progress@progressmichigan.org>
Date: Tue, Oct 20, 2015 at 10:52 AM
Subject: RELEASE: Progress Michigan: MDEQ's Wyant Needs to Go
To: Jacob Kanclerz <jacob@mirsnews.com>

FOR IMMEDIATE RELEASE
News from Progress Michigan

October 20, 2015

Contact: Sam Inglot, 616-916-0574, sam@progressmichigan.org

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"You can't simply reshuffle some staff at the department to make up for poisoning thousands of Flint children. When families and kids are told their drinking water is safe and it's actually filled with toxins, someone needs to be held accountable. It starts at the top with Wyant," **said Lonnie Scott, executive director of Progress Michigan.** "He needs to resign immediately or Gov. Snyder needs to quickly show him the door. This crisis was allowed to fester and grow under his watch and Wyant needs to go. Families in Flint deserve to know that Gov. Snyder is taking this problem seriously and is willing to take serious action."

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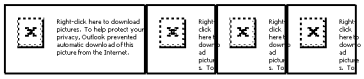

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--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

--

Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 20, 2015 1:44 PM
To: 'Michelle Zdrodowski'; Baird, Richard (GOV); Paul Conners; Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Stanton, Terry A. (Treasury); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); haddenf@michigan.gov
Cc: Darnell Earley; Kelly Rossman-McKinney
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

We think it is fine. Jarrod suggests strongly that you leave out the Ghandhi quote. We think it detracts from your overall message.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
Subject: Earley Flint Water OpEd-FOR REVIEW AND INPUT

All,

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Thank you.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI, mobile

From: Darnell Earley <darnell.earley@detroitk12.org>
Sent: Tuesday, October 20, 2015 1:45 PM
To: Muchmore, Dennis (GOV); Michelle Zdrodowski; Baird, Richard (GOV); Paul Conners; Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Stanton, Terry A. (Treasury); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); haddenf@michigan.gov
Cc: Kelly Rossman-McKinney
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

So noted...Thanks!

DE

Darnell Earley, ICMA-CM, MPA
Emergency Manager
Detroit Public Schools

From: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Sent: Tuesday, October 20, 2015 1:44 PM
To: Michelle Zdrodowski; Baird, Richard (GOV); Paul Conners; Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Stanton, Terry A. (Treasury); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); haddenf@michigan.gov
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From: Darnell Earley <darnell.earley@detroitk12.org>
Sent: Tuesday, October 20, 2015 1:59 PM
To: Stanton, Terry A. (Treasury); Muchmore, Dennis (GOV); Michelle Zdrodowski; Baird, Richard (GOV); Paul Conners; Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); haddenf@michigan.gov
Cc: Kelly Rossman-McKinney
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

Good point...will revise.

DE

Darnell Earley, ICMA-CM, MPA
Emergency Manager
Detroit Public Schools

From: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Sent: Tuesday, October 20, 2015 1:57 PM
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Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

From: Sabella, Anthony <anthony.sabella@abc12.com>
Sent: Tuesday, October 20, 2015 2:04 PM
To: Murray, David (GOV)
Subject: Re: Anthony's email

Got it! Thanks

Anthony Sabella
ABC12 News

> On Oct 20, 2015, at 2:02 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:
>
> Anthony,
>
> Sorry I missed you yesterday.
>
>
> Gov. Snyder has said that the state is talking some remedial action after a Department of Environmental Quality staff member mistakenly applied standards of the Lead and Copper Rule intended for smaller cities.
>
> There have been some staff changes at the DEQ. But, more importantly, Gov. Snyder has called for an after action report on the decision-making surrounding some aspects of the Flint water challenges. The group that will be charged with the carrying out the report is still being assembled, but it is expected to be a bipartisan committee that includes experts in the field that will ask tough questions so we can be better prepared moving forward.
>
> Hope this helps!
>
> Dave
>
> -----Original Message-----
> From: Sabella, Anthony [mailto:anthony.sabella@abc12.com]
> Sent: Tuesday, October 20, 2015 2:01 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Anthony's email
>
> Whoops!
>
> Anthony Sabella
> ABC12 News

Subject: RDS/SW- TAPED TV interview with Christy McDonald, Stephen Henderson and Ingrid Jacques on DPTV's MI Week
Location: DPTV- 1 Clover Ct, Wixom, MI 48393

Start: Wed 10/21/2015 1:30 PM
End: Wed 10/21/2015 2:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV)

Purpose: Not Responsive

Not Responsive

Possible Topics:

- Not Responsive
- Flint water

Recent articles:

Not Responsive

NOTE: Nolan is on vacation in Paris, Ingrid is filling in for him. Segment will be live-streamed on DPTV's website but aired on Thursday.

Last interview: 6/5/15 with Ariel at Vets event, last MI week taping 3/20/15

Market: Detroit Metro / online – dptv.org

Contact: Daphne cell: PPI Back-up: Christy cell: PPI

From: Boville, Daniela (GOV)
Sent: Wednesday, October 21, 2015 8:33 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: PHONE MESSAGE- Jennifer Eisner

Name: Jennifer Eisner
MDHHS
Topic: Following up to Sara's call regarding Governor's interview on the topic of Flint.
Phone: PPI

Daniela Boville
Communications Intern
Governor Snyder
517-335-6397

From: Dickinson, Sarah (GOV)
Sent: Wednesday, October 21, 2015 11:04 AM
To: Murray, David (GOV)
Subject: RE: Flint task force

They're on my desk -- I have to step out right now!

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 11:01 AM
To: Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>
Subject: Flint task force

Thank you, Sarah. If you could print both sides it would be super helpful!

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Ken Sikkema <ksikkema@pscinc.com>
Sent: Wednesday, October 21, 2015 12:39 PM
To: Murray, David (GOV)
Cc: chris@environmentalcouncil.org; erothste@grg-ltd.com; mattdav@med.umich.edu; reynolds@mottchc.org; PPI Agen, Jarrod (GOV); Wurfel, Sara (GOV); Baird, Richard (GOV)
Subject: Re: Flint water task force materials

Matt, Eric, Lawrence:

Per our earlier discussion, please refer media calls to either Chris Kolb or myself, as you are comfortable:

Chris: off. 517-487-9539

Ken: off. 517-484-4954 cell: PPI

I am comfortable with you providing my cell #...Chris, if I remember correctly, you preferred calls to your office..

Thank you.

Ken Sikkema

On Wed, Oct 21, 2015 at 12:28 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Task force members,

It was a pleasure assisting you today, and I'm happy to help as needed. Attached is a copy of the press release as well as the requested discussion points. Our intention is to issue the release early this afternoon, Please let me know if you would like any changes. Please feel free to contact me at any time.

Dave

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

Subject:	Flint actions meeting
Location:	Con Hall 6th floor Director's conference room
Start:	Wed 10/21/2015 4:30 PM
End:	Wed 10/21/2015 5:00 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	Wurfel, Brad (DEQ)
Required Attendees:	Moon, Jason (LARA); Murray, David (GOV); Wurfel, Sara (GOV) (Wurfels@michigan.gov); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Tommasulo, Karen (DEQ); Holton, Jennifer (MDARD)

We need proactive media. Want everyone to come with whatever they have in the hopper so we can figure out how to mobilize a steady string of proactive Flint news without tripping over one another, and consider news opportunities as a group.
Thanks.
b

From: Ackerman, Darin (GOV)
Sent: Wednesday, October 21, 2015 1:21 PM
To: Murray, David (GOV)
Subject: RE: Flint Task Force release notification

Do they already know about this?

Darin Ackerman, Deputy Director
Legislative Affairs Division
Office of Governor Snyder
State Capitol
Lansing, MI 48913
Phone: (517) 241-3950

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:14 PM
To: Ackerman, Darin (GOV) <ackermand3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Subject: Flint Task Force release notification

Hello Legislative Team,

Sara asked that I send this to you for legislative notifications, particularly Sen. Ananich and Reps. Neeley and Phelps. Our goal is to release between 2:15 and 3 p.m., and ask that you wait until at least 2 before notifying.

Thank you!

Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our

actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

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Sent: Wednesday, October 21, 2015 12:33 PM
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Cc: Murray, David (GOV); erothste@grg-ltd.com; mattdav@med.umich.edu; reynolds@mottchc.org; PPI Agen, Jarrod (GOV); Wurfel, Sara (GOV); Baird, Richard (GOV)
Subject: Re: Flint water task force materials

Yes office is preferred but in this case you can offer up my cell phone: PPI

Chris

On Wed, Oct 21, 2015 at 12:38 PM, Ken Sikkema <ksikkema@pscinc.com> wrote:
Matt, Eric, Lawrence:

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Chris Kolb, President & CEO
Michigan Environmental Council
602 W. Ionia
Lansing, MI 48933

517.487.9539 (office)
517.487.9541 (fax)
PPI (cell)

Sign up for our Electronic Newsletter!

www.environmentalcouncil.org
www.twitter.com/ckolb
www.twitter.com/michenvcouncil

From: Anderson, Madhu (DEQ)
Sent: Wednesday, October 21, 2015 1:38 PM
To: Baird, Richard (GOV)
Cc: Wyant, Dan (DEQ); Lyon, Nick (DHHS); VanSickle, Michele (GOV); Murray, David (GOV)
Subject: Draft Scope - for member review
Attachments: Flint Water Task Force.draftscope.211015.docx

Rich - The Flint Water Task Force members asked for a draft scope prior to the announcement being made this afternoon. Hopefully, I captured their intent in the attached document. Could you forward this document to the members after you have had a chance to review?

Thanks,

Madhu R. Anderson
Deputy Director, Economic & Strategic Initiatives
☎ PPI
✉ andersonm30@michigan.gov
DEQ

(DRAFT)
FLINT WATER ADVISORY TASK FORCE
AFTER-ACTION REVIEW

The Flint Water Task Force is an independent advisory panel appointed by Governor Rick Snyder charged with reviewing actions regarding water use and testing in Flint and with offering recommendations for future guidelines to protect the health and safety of all state residents.

The task force expects to summarize its work in a report to be presented to Governor Rick Snyder within ninety (90) days.

GOALS

The Flint Water Task Force's goals are as follows:

- Complete a thorough review of all steps taken by state and local officials regarding the decision to switch the City of Flint's water source to the Flint River from the Detroit Water and Sewerage Department's system (DWSD).
  - Produce a timeline of actions
  - Establish why each action was taken

- Review the roles of the federal, state, and local officials in the decision-making process
  - Identify best practices for federal, state, and local officials to work together in future similar situations
  - Evaluate where coordination between these entities could have been better, and how it could be improved

- Review federal, state, and local actions and protocols
  - Determine whether the proper procedures were followed
  - Identify which procedures should be changed

- Monitor and review the process, procedures, and protocols being followed as the City of Flint returns to the DWSD system
  - Ensure that proper corrosion controls and testing are in place
  - Highlight the appropriate actions that the City of Flint should follow when the future switch is made to the Karegnondi Water Authority's system

- Assess future practices
  - Highlight practices that should change for communities in similar situations
  - Recommend changes in law, procedure, or practice to ensure all Michiganders are drinking safe water

From: Lasher, Geralyn (DHHS)
Sent: Wednesday, October 21, 2015 1:54 PM
To: Murray, David (GOV)
Cc: Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS)
Subject: Re: Flint water notifications

We will send the release to the contacts once it is out. Please make sure we get the final PDF.

Sent from my iPad

On Oct 21, 2015, at 1:52 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hello friends,
>
> Sara asked me to ask you if you wanted to send notifications to any of the people in the health community in Flint about this committee, or reach out to the comms shop at Mott Children's Health Center.
>
> The release is going out around 2.
>
> Thanks!
>
> Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

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Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

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Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

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From: Hollins, Harvey (GOV)
Sent: Wednesday, October 21, 2015 2:09 PM
To: Murray, David (GOV); Clayton, Stacie (GOV)
Subject: RE: Flint task force notifications

Calls made.

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:17 PM
To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: Flint task force notifications

Hello Harvey,

Sara asked that I send this to you for notifications. Would you be able to reach out to the Mott Foundation, pastors group and Mayor Walling's Office? The plan is to issue between 2 and 2:30, with potential notifications around 2 p.m.

Thank you very much!

Dave

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####

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Lange, Michelle (GOV)
Sent: Wednesday, October 21, 2015 2:12 PM
To: Murray, David (GOV)
Cc: Ackerman, Darin (GOV); Posthumus, Dick (GOV)
Subject: Re: Flint Task Force release notification
Attachments: image001.jpg

I let phelps & Neeley know. They have asked for copies of the PR when it goes out.

On Oct 21, 2015, at 1:13 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hello Legislative Team,
>
> Sara asked that I send this to you for legislative notifications, particularly Sen. Ananich and Reps. Neeley and Phelps. Our goal is to release between 2:15 and 3 p.m., and ask that you wait until at least 2 before notifying.
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Dave Murray
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MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Tommasulo, Karen (DEQ)
Sent: Wednesday, October 21, 2015 3:02 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV); Anderson, Madhu (DEQ)
Subject: Advisory Task Force media Q&A
Attachments: After-Action Review Q&A.docx

This is the media Q&A we put together for the task force members. Let me know what changes you'd like to see.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
PPI
tommasulok@michigan.gov

After-Action Review Q&A

Is the Flint Water Advisory Task Force independent? They were appointed by the Governor.

None of the task force members are city, state or federal employees, and none have been previously involved in the drinking water situation in Flint. They bring diverse expertise in pediatrics and internal medicine, environmental protection, water and wastewater asset management, and environmental policy. We are pleased to have their participation.

What is the task force's scope and mission?

The Flint Water Advisory Task Force will look at the procedures and protocols used by the City of Flint, the Michigan DEQ and the U.S. EPA during and after its switch to using the Flint River as its source of drinking water. The group will also review whether the present procedures, protocols, statutes, policies and rules that govern drinking water systems are enough to protect the public health of Michigan residents.

Will the Flint Water Advisory Task Force look at corrosion control and the Lead and Copper Rule?

Yes. If necessary, the Flint Water Advisory Task Force could include proposed amendments to the Lead and Copper Rule or other protocols regulating corrosion control in its final report to the Governor.

What types of information will the task force look at to make its determinations?

The Flint Water Advisory Task Force will have any and all information at its disposal, including reports, emails, permits and any other documents needed.

Will the task force be empowered to fire anyone, or is that a recommendation they can make?

The task force's after-action review is focused on proactive recommendations to prevent future problems with lead in drinking water and to better protect public health statewide. They will offer a comprehensive set of recommendations they deem appropriate to the situation.

Is the panel made up of drinking water or lead experts?

The panel includes four members with diverse expertise in water and medicine. Their areas of specialty include pediatrics and internal medicine, environmental protection, water and wastewater asset management, and environmental policy, and we are pleased to bring their experience to the issue.

How long is the after-action review going to take?

The Flint Water Advisory Task Force will summarize its work in a report to be presented to the Governor within 90 days.

So will the results and the report to the Governor be made public?
The full report will be made public.

How does this help the people of Flint?
The after-action review is designed specifically to ensure the state learns from the experience in Flint and can better protect public health going forward. In the meantime, the city has reconnected to the Great Lakes Water Authority, and residents are encouraged to continue to use water filters and other protective measures to ensure safe drinking water while the long-term fixes of connecting to the Karegnondi Water Authority and replacing outdated local lead infrastructure is completed.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 21, 2015 3:05 PM
To: Kaffer, Nancy
Cc: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: Flint schools test data

Nancy,
Check out www.mi.gov/flintwater for all the latest information on the Flint water situation.
http://mi.gov/deq/0,4561,7-135-3313_3675_73946---,00.html

The initial schools screens are here:
http://mi.gov/documents/deq/Flint_Community_Schools_Testing_Results__Initial_Screen_502382_7.pdf

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From: Kaffer, Nancy [mailto:nkaffer@freepress.com]
Sent: Wednesday, October 21, 2015 1:43 PM
To: Wurfel, Brad (DEQ)
Cc: Tanner, Kristi
Subject: Flint schools test data

Hey Brad – still looking for that lead test data for Flint schools. Advise on ETA?

N

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 21, 2015 3:09 PM
To: Cassell, Peter; Ronald Fonger
Cc: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: Flint Journal-MLive seeking comment on these requests for EPA investigation
Attachments: PR 151020 Flint after action 6.pdf

Please attribute this to a DEQ spokesman or DEQ.

The DEQ is aware of these letters from our elected officials.
The Governor today announced the state's Flint Water Task Force -- an independent group of experts called to address many of the points of concern expressed by the Senator and the Congressman.

From: Cassell, Peter [mailto:cassell.peter@epa.gov]
Sent: Wednesday, October 21, 2015 2:20 PM
To: Ronald Fonger; Wurfel, Brad (DEQ)
Subject: RE: Flint Journal-MLive seeking comment on these requests for EPA investigation

Please attribute this to an EPA spokesperson or the EPA.

"EPA has received the letters from Congressman Kildee and State Senator Ananich and will review them"

Thanks!

Pete Cassell
Press Officer
U.S. Environmental Protection Agency

77 West Jackson Blvd (P-19J)
Chicago, IL 60604-3590
Office (312) 886-6234
Mobile PPI

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, October 21, 2015 11:12 AM
To: wurfelb@michigan.gov; Cassell, Peter
Subject: Flint Journal-MLive seeking comment on these requests for EPA investigation

Hi. We are seeking comment on these requests. I'm working on it as I send this but will add any comment from you when I receive it.
Thanks,

Ron Fonger
MLive Media Group

Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

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From: Anderson, Madhu (DEQ)
Sent: Wednesday, October 21, 2015 3:49 PM
To: Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: RE: Advisory Task Force media Q&A

Thanks Karen – as you all are looking at this, let's decide what the name of the task force is so we are consistent in documents, etc. – we will need to clear that name with the chairs of the task force. David can you follow up on this with Rich Baird?

Options:
Flint Water Advisory Task Force
Flint Water Task Force
Others?

From: Tommasulo, Karen (DEQ)
Sent: Wednesday, October 21, 2015 3:02 PM
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Public Information Officer
Michigan Department of Environmental Quality
PPI
tommasulok@michigan.gov

From: Lawrence Reynolds <PPI>
Sent: Wednesday, October 21, 2015 4:14 PM
To: Murray, David (GOV)
Subject: Re: Caught a typo in your bio paragraph

Thank you. I was given 3 extra years practice by counting training. Please don't cut my pay.

On Oct 21, 2015 12:30 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

Dr. Reynolds. I caught a typo in your bio paragraph just after I sent that release. I wanted you to see the corrected version.

Dave

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Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

From: Lange, Michelle (GOV)
Sent: Wednesday, October 21, 2015 6:03 PM
To: Murray, David (GOV); Ackerman, Darin (GOV); Posthumus, Dick (GOV)
Subject: RE: Flint Task Force release notification

Rep. Neeley is interested in how the Governor came up with the composition of the board- is there anything I can tell him in that regard?

Thanks,

M.

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:14 PM
To: Ackerman, Darin (GOV) <ackermand3@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Posthumus, Dick (GOV) <Posthumusd@michigan.gov>
Subject: Flint Task Force release notification

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Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile

Twitter:@michigandmurray

From: Lawrence Reynolds <PPI>
Sent: Wednesday, October 21, 2015 8:31 PM
To: Murray, David (GOV)
Subject: Re: Caught a typo in your bio paragraph

We must make it better.

On Wed, Oct 21, 2015 at 4:15 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

I promise not to do that!

Thank you for your service here. I lived in Flint for 10 years, reporting on education for the Journal between 1990 and 1999. My children were born there, and the city is near and dear to my heart.

Dave

From: Lawrence Reynolds [mailto:PPI]
Sent: Wednesday, October 21, 2015 4:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Caught a typo in your bio paragraph

Thank you. I was given 3 extra years practice by counting training. Please don't cut my pay.

On Oct 21, 2015 12:30 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Dr. Reynolds. I caught a typo in your bio paragraph just after I sent that release. I wanted you to see the corrected version.
>
> Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

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policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

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To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

--
Lawrence Reynolds

From: Moon, Jason (LARA)
Sent: Thursday, October 22, 2015 12:03 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ)
Subject: LARA - Flint

Guys, what's your availability for a quick call to go over the LARA piece in more detail? Below is language that can be used as part of a larger message on the state's efforts.

- On October 16th, LARA and DEQ staff met with Flint Community Schools officials. LARA staff then began a review of building plans and permits in order to assess the building plumbing in all 13 Flint Public School buildings.

- The assessment allows LARA staff to identify plumbing components of concerns and prioritize sample sites within each building.

- On October 23rd, LARA staff will begin to identify of all faucets, taps and outlets that are used regularly by students and staff for drinking and cooking.

- After the sites and order of collection have been determined by LARA staff within a building, state officials can begin to take samples.

Jason Moon
Communications Director
Dept. of Licensing and Regulatory Affairs
517-373-9280
moonj@michigan.gov

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From: Wurfel, Brad (DEQ)
Sent: Thursday, October 22, 2015 12:27 PM
To: Fonger, Ronald (RFONGER1@mlive.com); Murray, David (GOV)
Subject: Statement from DEQ Director Dan Wyant

Regarding the meeting yesterday with Change Agent Consortium:

"We were not aware of the planned prayer vigil outside our headquarters, but we invited CAC leaders in to discuss their concerns and share information transparently.
We felt it was a positive conversation, and appreciated the chance to brief them on the unprecedented effort being made to protect Flint kids and families.

We also briefed them on the Governor's announced Flint Water Task Force, which will perform an independent review of local, state and federal roles in what has happened in Flint and make recommendations to the governor.

I serve at the pleasure of the Administration. I believe the Governor will gather all the facts and make the right decision at the appropriate time. Until then, we at the DEQ are singularly focused on implementing the state's plan to address lead issues in Flint and protect kids and families there."

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Thursday, October 22, 2015 6:46 PM
To: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Hollins, Harvey (GOV)
Cc: Darnell Earley; Kelly Rossman-McKinney
Subject: Final Flint Water OpEd
Attachments: Flint Water Decision Clarification Op-Ed_FINAL.pdf

All,

Attached is the final Flint Water OpEd that was submitted to the Flint Journal, DetNews, Freep, Michigan Chronicle this evening.

Any questions, please advise.

MZ

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

Changes to Flint Water System Made By Local Leaders, Not Emergency Managers
Author: Darnell Earley, ICMA-CM, MPA

It is critically important that the record be set straight about the decision-making and approval processes that led to Flint joining the Karegnondi Water Authority (KWA) with the use of Flint River water as the interim water supply. The fact is, that the river has served and been used as the back-up supply for decades, and this was the rationale given to me by staff and Mayor Walling, who also serves as chairperson of the KWA board. Contrary to reports in the media and rhetoric being espoused by individuals, the decision was made at the local level, by local civic leaders.

The decision to separate from Detroit Water and Sewerage Department and go with the KWA, which included the decision to pump Flint River water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 on March 25, 2013. This plan was presented to me when I was appointed as Flint Emergency Manager in October 2013 - a full seven months after City Council's affirmative vote.

Genesee County Drain Commissioner Jeff Wright also made the affirmative vote by the City Council a necessary condition of joining the KWA, and applauded the decision in a March 26, 2013 news release, saying, "…I have said from the beginning that this decision must be made by Flint's City Council and Mayor…I am glad that the residents of Flint were able to have their voices heard via their elected officials."

The Mayor's approval of the plan, and the subsequent near unanimous vote by City Council were in no way coerced, forced or demanded by the State, nor any Emergency Manager. Council's affirmative vote was supported and officially signed into EM Executive Order by then Emergency Manager Edward Kurtz on March 29, 2013. A subsequent order Kurtz signed on June 26, 2013, speaks specifically to the, "… upgrading of the Flint Water Plant to ready it to treat water from the Flint River to serve as the primary drinking water source for approximately two years and then converting to KWA delivered lake water."

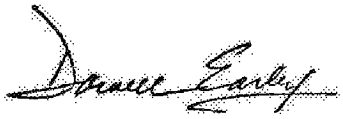
When I began my term as Emergency Manager, it fell to me to oversee the implementation of the previously accepted and approved plans, as the DWSD terminated the contract with Flint in April 2014. It did not fall to me to question, second guess or to invalidate the actions that were taken prior to my appointment.

At the time the decision was made there was no way to predict such an unfortunate outcome. I would also offer that had local leaders known then what they know now, parts of their decision may have been entirely different. What the City of Flint and the State of Michigan are now dealing with is the management of an unintended consequence resulting in a negative outcome from an otherwise sound public policy decision. There is no "blame" to affix on any Emergency Manager for that.

As the solutions are put into place to address the serious concerns at hand, I believe that everyone's attention should now turn toward another serious concern -- what is being done in the long-term to replace the aged and crumbling water distribution systems that exists throughout Flint and Genesee County, which was a major contributing factor to this serious issue in the first place.

I am a strong believer that the truth supported by fact, speaks for itself. This was a local decision that was made by local civic leaders. Anyone who says otherwise is being disingenuous for whatever reason.

Sincerely,



Darnell Earley, ICMA-CM, MPA

From: Bach, Katie (MSHDA)
Sent: Thursday, October 22, 2015 8:10 PM
To: Biehl, Laura (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: Join Me Wednesday for an Update on Flint Water

Assuming you've seen this?
It came to my Stare email.

Sent from my iPhone

Begin forwarded message:

From: Congressman Dan Kildee <MI05DKima@mail.house.gov>
Date: October 22, 2015 at 6:39:37 PM EDT
To: <bachk@michigan.gov>
Subject: Join Me Wednesday for an Update on Flint Water

Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

News from Representative Kildee
Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

Dear ,

The Flint water crisis is a failure of government at every level, and I am committed to increasing transparency and finding answers to ensure that these failures never happen again. That's why I have called for an investigation into the causes of water problems in Flint.

Simply put, high lead levels in Flint's drinking water are unacceptable, and there must be accountability.

As part of my ongoing efforts, I am holding a **telephone town hall with constituents on Wednesday, October 28th, at 7 p.m. ET** to provide an update on my efforts. I'll be joined by both Dr. Mona Hanna-Attisha and Dr. Marc Edwards, who both conducted critical tests that exposed unacceptable lead levels in Flint. On the live call, we will also answer questions from Flint residents.

If you're interested in joining our conversation, please RSVP here, or fill out the form below.

What is your preferred Prefix (Mr./Mrs./Ms./Dr., etc)?
[ ]
What is your First Name?
[ ]
What is your Last Name?

[ ]
What phone number would you like to use to participate in the telephone town hall?
[ ]
What is your Email Address?
[ ]
What is your Address?
[ ]
What is your Zip Code?
[ ]

[RSVP!]

Click to open in a separate window

For months, I have been pressing state and federal agencies for immediate resources and action to improve and restore confidence in water quality. At the federal level, I am pushing for resources to ensure the safety of water, but also make much-needed repairs to our city's aging water system and infrastructure. *The Flint Journal* covered these federal efforts in March. You can view them here.

Additionally, I welcome the announcement recently that the U.S. Environmental Protection Agency will send technical advisors to Flint to assist the city and state. I have repeatedly asked the EPA to send these much-needed experts to help improve the water quality and hopefully restore some public confidence in the safety of our water.

Serious issues remain, and there is a long way to go before complete confidence in the city's drinking water is restored. I am committed to working to ensure that Flint residents get a thorough investigation and answers to their questions.

I hope you'll join me next Wednesday for a telephone town hall update on Flint water.

Sincerely,

Dan Kildee

Washington D.C. Office
227 Cannon HOB
Washington, DC 20515
Phone: (202) 225-5611
Hours: 9:00 a.m. - 5:00 p.m.

District Office
111 East Court Street, #3B
Flint, MI 48502
Phone: (810) 238-8627
Hours: 9:00 a.m. - 5:00 p.m.

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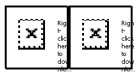

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 9:12 AM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Ridley, Nancy (DHHS)
Subject: Letters
Attachments: Provider letter_DRAFT3_edited.docx; Parent Letter_Draft 5_October 22.docx

Good morning,

Attached are the parent and provider letters that we have been working on. These are on the fast track and we need comments back to us as soon as possible.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicuciа@michigan.gov
www.michigan.gov/mdhhs

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PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Dear Provider:

As you may be aware from recent news reports, elevated levels of lead have been found in the City of Flint's water system.

To help protect the children of Flint from the current lead in water exposure, the Genesee County Health Department and Michigan Department of Health and Human Services are contacting you to assist you in providing guidance to support your families.

Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

As a primary care provider, you play a critical role in helping to ensure that children and families exposed to lead receive the care and reassurances they need to manage the potential health impacts of lead poisoning.

Identification. Children suffering from lead poisoning often fail to present outward symptoms. However, early clinical symptoms can include anemia, anorexia, abdominal pain and constipation. Lead is a neuro-toxin, and exposure can result in violent and aggressive behaviors, lead to learning disorders, may cause Attention Deficit Hyperactivity Disorder (ADHD) and has been known to reduce IQ by as many as 5-8 points with levels as low as 10 ug/dL. Lead is metabolized through the gastrointestinal system similar to iron and calcium, with uptake rates depending on the size and weight of the child. The blood half-life of lead is short (approximately 1 month) but the bone half-life can extend into decades.

Due to multiple risk factors facing many residents in the City of Flint (including aging housing conditions and water quality), we recommend that all children under age 6 living in the City of Flint or living in homes that use Flint water, attending school or childcare in Flint, or who spend time with a caregiver in the City of Flint, receive a blood lead test. Blood lead testing should be done through a child's primary care doctor to ensure adequate short-term and long-term follow-up. ***Families should be encouraged to have their children tested immediately either at their doctor's office or the Genesee County Health Department***.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Management of Blood Lead Levels. The following guidance is provided for management of childhood blood lead levels:

- **BLL < 5 ug/dL**
  - A lead level of less than 5 mcg/dL is not typically cause for concern.
  - Provide education and anticipatory guidance to ensure that lead levels do not rise.
  - Consider retesting in 12 months based on risk factors or concerns.
- **BLL >5 ug/dL**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.
- **BLL > 44 ug/dL.**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Lead levels over 44 ug/dL may require hospitalization. Consult with an expert at the Children's Hospital of Michigan in Detroit for additional guidance.
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.

Reminder: All children covered by Medicaid must be tested at age 1 and 2.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Follow-up Care. As providers, there are steps you can take to help support your families:

1. Continue to educate families regarding lead risks and preventative steps that they can take to minimize their risks.
2. Encourage your families to use filtered water for drinking, mixing formula and washing dishes. Families can contact 2-1-1 for information on free water filters.
3. Healthy nutrition is critical for lead-exposed children. Make sure your patients are consuming balanced diets high in iron, calcium and Vitamin C. If you have concerns about their nutrition, consider recommending a multivitamin with iron. WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more. In addition, SNAP offers a Double Bucks program that can provide healthy foods for less.
4. Breastfeeding is highly protective and encouraged. However, if the mother's blood lead level rises above 40ug/dL or her level is greater than 20 ug/dL and the baby has a level above 5 ug/dL breastfeeding is not recommended.
5. Because lead is a neuro-toxin, children with lead poisoning need longitudinal follow-up and may require developmental and behavioral health intervention services. Continue monitoring your patients' development at every visit.
6. Consider additional wrap-around and support services that will benefit your patients such as early childhood home visiting programs, early head start and head start. Call 2-1-1 for more information.

Local Resources. Several local resources are available to you and your patients:

- Blood Testing. Patients are encouraged to contact their primary care provider for testing. The Genesee County Health Department also administers lead tests. Patients in need of transportation should contact 2-1-1 for assistance.
- Water Testing. Water testing is free through the City of Flint Water Testing Plant. Patients can call 810-787-6537 to learn more.
- WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more.
- Child Development. If you have concerns about a child's growth, development or learning contact 2-1-1 for a Home Visiting Program in your area.

Websites and contact information.

- Genesee County Health Department Lead Program
  (810) 287-3833

- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453

- Michigan Department of Health and Human Services Lead Poisoning Prevention Video for Primary Care Providers on Youtube at /www.youtube.com/watch?v=AnkjCW_yGaU&feature=youtu.be.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

- www.michigan.gov/lead
  United States Environmental Protection Agency
  www.epa.gov/lead

- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

draft 3

October 22, 2015

Dear Parent,

To help make sure the children of Flint are safe from lead exposure, the Genesee County Health Department and the Michigan Department of Health and Human Services want to help you understand:

- Where does lead come from?
- What can I do to protect my family?
- Should I get my child tested for lead?
- Where can I find more information about lead?

Where does lead come from?

Lead is a serious health hazard, especially for small children who become lead poisoned when they eat, drink or breathe lead. Elevated levels of lead have been found in the drinking water from lead pipes in the City of Flint. Kids can also be exposed to lead from old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass, jewelry making and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

Should my child get a blood lead test?

Children who live in the City of Flint, live in a home using City of Flint water, or who attend school, childcare or often spend time with a caregiver in the City of Flint should be tested for lead poisoning. *This should be done as soon as possible.*

Where should I go to get a blood lead test for my child?

The best place to get your child's blood lead test is your doctor's office. Your pediatrician will follow up with you on lab tests and provide you with information on what to do next. You can also have a lead test at the Genesee County Health Department. If you need transportation, contact 2-1-1 for help.

Understanding your child's lead test result.

A lead level below 5 means there is little or no lead in your child's blood. Use the tips below to help keep your child safe. Your doctor may suggest retesting your child within the next 12 months to make sure the level does not go up.

Draft 5

A lead level of 5-14 means that your child has had some exposure to lead. Work with your doctor and local health department for further guidance on how to limit your lead exposure. Your doctor may retest your child in 1-3 months to make sure the level does not go up.

Children with very high levels of lead **(over 40)** may require treatment at the hospital.

What Can I Do to Keep My Family Safe?

The following steps should be taken right away to help protect you and your child.

Protecting your family from lead in the water:

- Get your water tested for lead. It's free. Call 810-787-6537 to learn more.
- Use a water filter in your home. Call 2-1-1 for information on free water filters.
- If you do not have a water filter, use bottled water for drinking and mixing formula.
- When cooking or washing the dishes use filtered water. If using unfiltered water, run the water for at least five minutes before you use it.
- Always use cold water when cooking.

Safe cleaning:

Safe Cleaning is Important. Keeping your home clean and safe from lead hazards will help to protect your family.

- Keep children away from lead paint and dust.
- Use wet paper towels to clean up lead dust. Be sure to clean around windows, play areas and floors.
- Wash hands and toys often, using soap and water

Good nutrition:

Some foods will help keep lead from being stored in a child's body. These are foods with a lot of calcium, iron and vitamin C. These foods include:

Calcium Rich Foods	Iron Rich Foods	Foods with Vitamin C
➢ Milk	➢ Beans	➢ Oranges
➢ Cheese	➢ Lean meats like fish and chicken	➢ Orange juice
➢ Yogurt	➢ Whole grain cereals	➢ Grapefruits
➢ Tofu	➢ Peanut butter	➢ Tomatoes
➢ Spinach		➢ Green peppers

Always wash your fruits with filtered water. If you are concerned about your child's diet, talk with your pediatrician who may also recommend a daily multivitamin.

Draft

WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the **Genesee County WIC office at (810) 237-4537** to learn more. SNAP also offers a Double Bucks program to purchase even more healthy food for no additional costs.

Where can I get more information on lead?

- Genesee County Health Department Lead Program
  (810) 287-3833
- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453
  www.michigan.gov/lead
- United States Environmental Protection Agency
  www.epa.gov/lead
- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

Draft 5

From: Hollins, Harvey (GOV)
Sent: Friday, October 23, 2015 10:22 AM
To: Michelle Zdrodowski
Cc: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Darnell Earley; Kelly Rossman-McKinney
Subject: Re: Final Flint Water OpEd

Darnell,
Well stated!

Best,
Harvey

On Oct 22, 2015, at 6:45 PM, Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org> wrote:

All,

Attached is the final Flint Water OpEd that was submitted to the Flint Journal, DetNews, Freep, Michigan Chronicle this evening.

Any questions, please advise.

MZ

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI, mobile

<Flint Water Decision Clarification Op-Ed_FINAL.pdf>

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 1:07 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Ridley, Nancy (DHHS)
Subject: RE: Letters
Attachments: Provider letter_DRAFT3_edited.docx; Parent Letter_Draft 5_October 22.docx; GCHD MDHHS Letters PR DRAFT 2.docx

Importance: High

Hi everyone,

Following up on this. Do you have any concerns or edits? Additionally, we are working with GCHD to issue a joint release when these letters are sent. That's attached for your reference as well.

Thank you,

Angela

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 9:12 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Brown, Jessica (GOV) (BrownJ53@michigan.gov) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Ridley, Nancy (DHHS) <RidleyN@michigan.gov>
Subject: Letters

Good morning,

Attached are the parent and provider letters that we have been working on. These are on the fast track and we need comments back to us as soon as possible.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicucia@michigan.gov
www.michigan.gov/mdhhs

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PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Dear Provider:

As you may be aware from recent news reports, elevated levels of lead have been found in the City of Flint's water system.

To help protect the children of Flint from the current lead in water exposure, the Genesee County Health Department and Michigan Department of Health and Human Services are contacting you to assist you in providing guidance to support your families.

Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

As a primary care provider, you play a critical role in helping to ensure that children and families exposed to lead receive the care and reassurances they need to manage the potential health impacts of lead poisoning.

Identification. Children suffering from lead poisoning often fail to present outward symptoms. However, early clinical symptoms can include anemia, anorexia, abdominal pain and constipation. Lead is a neuro-toxin, and exposure can result in violent and aggressive behaviors, lead to learning disorders, may cause Attention Deficit Hyperactivity Disorder (ADHD) and has been known to reduce IQ by as many as 5-8 points with levels as low as 10 ug/dL. Lead is metabolized through the gastrointestinal system similar to iron and calcium, with uptake rates depending on the size and weight of the child. The blood half-life of lead is short (approximately 1 month) but the bone half-life can extend into decades.

Due to multiple risk factors facing many residents in the City of Flint (including aging housing conditions and water quality), we recommend that all children under age 6 living in the City of Flint or living in homes that use Flint water, attending school or childcare in Flint, or who spend time with a caregiver in the City of Flint, receive a blood lead test. Blood lead testing should be done through a child's primary care doctor to ensure adequate short-term and long-term follow-up. ***Families should be encouraged to have their children tested immediately either at their doctor's office or the Genesee County Health Department***.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Management of Blood Lead Levels. The following guidance is provided for management of childhood blood lead levels:

- **BLL < 5 ug/dL**
  - A lead level of less than 5 mcg/dL is not typically cause for concern.
  - Provide education and anticipatory guidance to ensure that lead levels do not rise.
  - Consider retesting in 12 months based on risk factors or concerns.
- **BLL >5 ug/dL**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.
- **BLL > 44 ug/dL.**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Lead levels over 44 ug/dL may require hospitalization. Consult with an expert at the Children's Hospital of Michigan in Detroit for additional guidance.
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.

Reminder: All children covered by Medicaid must be tested at age 1 and 2.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Follow-up Care. As providers, there are steps you can take to help support your families:

1. Continue to educate families regarding lead risks and preventative steps that they can take to minimize their risks.
2. Encourage your families to use filtered water for drinking, mixing formula and washing dishes. Families can contact 2-1-1 for information on free water filters.
3. Healthy nutrition is critical for lead-exposed children. Make sure your patients are consuming balanced diets high in iron, calcium and Vitamin C. If you have concerns about their nutrition, consider recommending a multivitamin with iron. WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more. In addition, SNAP offers a Double Bucks program that can provide healthy foods for less.
4. Breastfeeding is highly protective and encouraged. However, if the mother's blood lead level rises above 40ug/dL or her level is greater than 20 ug/dL and the baby has a level above 5 ug/dL breastfeeding is not recommended.
5. Because lead is a neuro-toxin, children with lead poisoning need longitudinal follow-up and may require developmental and behavioral health intervention services. Continue monitoring your patients' development at every visit.
6. Consider additional wrap-around and support services that will benefit your patients such as early childhood home visiting programs, early head start and head start. Call 2-1-1 for more information.

Local Resources. Several local resources are available to you and your patients:

- Blood Testing. Patients are encouraged to contact their primary care provider for testing. The Genesee County Health Department also administers lead tests. Patients in need of transportation should contact 2-1-1 for assistance.
- Water Testing. Water testing is free through the City of Flint Water Testing Plant. Patients can call 810-787-6537 to learn more.
- WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more.
- Child Development. If you have concerns about a child's growth, development or learning contact 2-1-1 for a Home Visiting Program in your area.

Websites and contact information.

- Genesee County Health Department Lead Program
  (810) 287-3833

- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453

- Michigan Department of Health and Human Services Lead Poisoning Prevention Video for Primary Care Providers on Youtube at /www.youtube.com/watch?v=AnkjCW_yGaU&feature=youtu.be.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

- www.michigan.gov/lead
  United States Environmental Protection Agency
  www.epa.gov/lead

- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

draft 3

October 22, 2015

Dear Parent,

To help make sure the children of Flint are safe from lead exposure, the Genesee County Health Department and the Michigan Department of Health and Human Services want to help you understand:

- Where does lead come from?
- What can I do to protect my family?
- Should I get my child tested for lead?
- Where can I find more information about lead?

Where does lead come from?

Lead is a serious health hazard, especially for small children who become lead poisoned when they eat, drink or breathe lead. Elevated levels of lead have been found in the drinking water from lead pipes in the City of Flint. Kids can also be exposed to lead from old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass, jewelry making and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

Should my child get a blood lead test?

Children who live in the City of Flint, live in a home using City of Flint water, or who attend school, childcare or often spend time with a caregiver in the City of Flint should be tested for lead poisoning. *This should be done as soon as possible.*

Where should I go to get a blood lead test for my child?

The best place to get your child's blood lead test is your doctor's office. Your pediatrician will follow up with you on lab tests and provide you with information on what to do next. You can also have a lead test at the Genesee County Health Department. If you need transportation, contact 2-1-1 for help.

Understanding your child's lead test result.

A lead level below 5 means there is little or no lead in your child's blood. Use the tips below to help keep your child safe. Your doctor may suggest retesting your child within the next 12 months to make sure the level does not go up.

Draft 5

A lead level of 5-14 means that your child has had some exposure to lead. Work with your doctor and local health department for further guidance on how to limit your lead exposure. Your doctor may retest your child in 1-3 months to make sure the level does not go up.

Children with very high levels of lead **(over 40)** may require treatment at the hospital.

What Can I Do to Keep My Family Safe?

The following steps should be taken right away to help protect you and your child.

Protecting your family from lead in the water:

- Get your water tested for lead. It's free. Call 810-787-6537 to learn more.
- Use a water filter in your home. Call 2-1-1 for information on free water filters.
- If you do not have a water filter, use bottled water for drinking and mixing formula.
- When cooking or washing the dishes use filtered water. If using unfiltered water, run the water for at least five minutes before you use it.
- Always use cold water when cooking.

Safe cleaning:

Safe Cleaning is Important. Keeping your home clean and safe from lead hazards will help to protect your family.

- Keep children away from lead paint and dust.
- Use wet paper towels to clean up lead dust. Be sure to clean around windows, play areas and floors.
- Wash hands and toys often, using soap and water

Good nutrition:

Some foods will help keep lead from being stored in a child's body. These are foods with a lot of calcium, iron and vitamin C. These foods include:

Calcium Rich Foods	Iron Rich Foods	Foods with Vitamin C
➢ Milk	➢ Beans	➢ Oranges
➢ Cheese	➢ Lean meats like fish and chicken	➢ Orange juice
➢ Yogurt	➢ Whole grain cereals	➢ Grapefruits
➢ Tofu	➢ Peanut butter	➢ Tomatoes
➢ Spinach		➢ Green peppers

Always wash your fruits with filtered water. If you are concerned about your child's diet, talk with your pediatrician who may also recommend a daily multivitamin.

Draft

WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the **Genesee County WIC office at (810) 237-4537** to learn more. SNAP also offers a Double Bucks program to purchase even more healthy food for no additional costs.

Where can I get more information on lead?

- Genesee County Health Department Lead Program
  (810) 287-3833
- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453
  www.michigan.gov/lead
- United States Environmental Protection Agency
  www.epa.gov/lead
- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

Draft 5

GCHD and MDHHS Partner to Issue Guidance to Flint Parents, Providers

FLINT, Mich. – In a joint effort to continue education within the community around lead exposure, the Genesee County Health Department (GCHD) and Michigan Department of Health and Human Services (MDHHS) today issued letters to the provider community and parents in Flint to assist in providing guidance to support families.

In response to the elevated blood lead levels found in some Flint children, GCHD and MDHHS have worked together closely and with Dr. Mona Hanna-Attisha of the Hurley Medical Center to develop guidance for families and providers.

GCHD QUOTE

Parents are being provided information regarding lead testing, how to reduce lead exposure for your family, where lead comes from, and community and state resources for more information. Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

"As we continue to find ways to educate and guide the Flint community towards reducing lead exposures, we are appreciate of the collaboration with Genesee County Health Department and Dr. Attisha," said Dr. Eden Wells, Chief Medical Executive with MDHHS. "Parents and providers can take a number of steps to help reduce exposure, identify signs of lead poisoning, and begin follow up care as needed. Working together we can all help to protect the health of families in Flint."

Primary care providers can assist in helping to ensure that children and families exposed to lead receive the care and resources they need to manage the potential health impacts of lead poisoning. Guidance was provided to them regarding identification of lead poisoning, management of elevated blood lead levels, follow-up care, and community and state resources.

GCHD and MDHHS issued the following recommendations for parents:

- Families who live in the City of Flint and are on the Flint water system or who attend school, childcare, or spend time with a caregiver in the City of Flint, are encouraged to get their children tested for lead poisoning at their doctor's office or GCHD.
- Families can get their water tested for lead for free. Call 810-787-6537 for details about how.
- Families are encouraged to use a water filter in their home, and free filters are still available. Call 2-1-1 for information about where to pick up a free filter.
- When cooking or washing the dishes, use filtered water. If using unfiltered water, run the water for at least give minutes before you use it. Always use cold water when cooking.
- Safe cleaning can also reduce the risk of lead exposure in the home. Keep children away from lead paint and dust; use wet paper towels to clean up lead dust around windows, play areas and floors; and wash hands and toys often, using soap and water
- Lastly, always wash fruits with filtered water. Some foods help keep lead from being stored in the child's body, such as Calcium rich foods, Iron rich foods, and foods with Vitamin C.

GCHD and MDHHS will continue to provide more information to the community regarding reducing lead exposure and protecting the health of Flint residents. For more information, visit www.michigan.gov/lead.

# # #

From: Eisner, Jennifer (DHHS)
Sent: Friday, October 23, 2015 1:24 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Robin Erb Interview - Dr. Wells

Hello –

Today Dr. Wells had a phone interview with Robin Erb regarding blood lead levels in Flint. Robin said she's hearing concern from parents who feel like they don't know what to do. Robin heard about the parent letter and wanted to know what it contains, when it will be going out, and what other steps we're taking to provide clear direction to residents. Dr. Wells confirmed that yes, we are working with the local health department to finalize a letter that will be distributed to parents in the next couple of days. Dr. Wells reminded her of the www.michigan.gov/flintwater website that has been up since the first week of October, and said that many of those documents are being distributed through various channels by our partner and provider networks. She also acknowledged that in some areas this can be a difficult to reach population, and so it's important that we think creatively about how to reach them – that we cannot rely solely on the news or internet. Dr. Wells emphasized that our priority population is children 0 – 6 years old, which is why the parent letters will be so beneficial.

Once the letter is ready to go, I told Robin we would share it with her. This is for a Sunday story.

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

From: Minicuci, Angela (DHHS)
Sent: Sunday, October 25, 2015 1:43 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Ridley, Nancy (DHHS)
Subject: Re: Letters
Attachments: GCHD MDHHS Letters PR DRAFT 5 102515.docx; Parent Letter_Draft 8 102515.docx; Provider letter_DRAFT5 102515.docx

Hi everyone,

Attached are the updated drafts of the letters and press release with Sara's edits. We'll circulate these with the local health department and let you know before these are ready to be sent out.

Thank you.
Angela

From: Wurfel, Sara (GOV)
Sent: Friday, October 23, 2015 5:35 PM
To: Minicuci, Angela (DHHS); Murray, David (GOV); Wurfel, Brad (DEQ); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Ridley, Nancy (DHHS)
Subject: RE: Letters

Angela – there are two things that do need to get addressed before these go out. I left a message earlier.

Please call at your earliest convenience. Mobile will be best PPI

Glad and good to see this kind of coordination/collaboration and outreach.

Thanks much,
SW

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 1:07 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Ridley, Nancy (DHHS) <RidleyN@michigan.gov>
Subject: RE: Letters
Importance: High

Hi everyone,

Following up on this. Do you have any concerns or edits? Additionally, we are working with GCHD to issue a joint release when these letters are sent. That's attached for your reference as well.

Thank you,

Angela

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 9:12 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Jessica (GOV) (BrownJ53@michigan.gov) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Ridley, Nancy (DHHS) <RidleyN@michigan.gov>
Subject: Letters

Good morning,

Attached are the parent and provider letters that we have been working on. These are on the fast track and we need comments back to us as soon as possible.

Thank you,

Angela Minicuci

Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicuciangmichigan.gov
www.michigan.gov/mdhhs

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FOR IMMEDIATE RELEASE – DRAFT
GCHD CONTACT:
MDHHS CONTACT: Jennifer Eisner, (517) 241-2112, EisnerJ@michigan.gov

GCHD and MDHHS Partner to Issue Guidance to Flint Parents, Providers

FLINT, Mich. – In a joint effort to continue informing the community about lead exposure, the Genesee County Health Department (GCHD) and Michigan Department of Health and Human Services (MDHHS) today issued letters to parents and the provider community in Flint to assist in providing guidance to support families.

In response to the elevated blood lead levels found in some Flint children, GCHD and MDHHS have worked together closely to develop guidance for families and providers.

GCHD QUOTE

Parents are being provided information regarding lead testing, how to reduce lead exposure for your family, where lead comes from, and community and state resources for more information. Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

"As we continue to find ways to inform and guide the Flint community towards reducing lead exposures, we are appreciate of the collaboration with Genesee County Health Department," said Dr. Eden Wells, Chief Medical Executive with MDHHS. "Parents and providers can take a number of steps to help reduce exposure, identify signs of lead poisoning, and begin follow up care as needed. Working together we can all help to protect the health of families in Flint."

Primary care providers can assist in helping to ensure that children and families exposed to lead receive the care and resources they need to manage the potential health impacts of lead poisoning. MDHHS and GCHD worked with Dr. Mona Hanna-Attisha of the Hurley Medical Center to develop testing protocols and guidance regarding identification of lead poisoning, management of elevated blood lead levels, follow-up care, and community and state resources.

GCHD and MDHHS issued the following recommendations for parents:

- Families who live in the City of Flint and are on the Flint water system or who attend school, childcare, or spend time with a caregiver in the City of Flint, are encouraged to get their children tested for lead poisoning at their doctor's office or GCHD.
- Families can get their water tested for lead for free. Call 810-787-6537 for details about how.
- Families are encouraged to use a water filter in their home, and free filters are still available. Call 2-1-1 for information about where to pick up a free filter.
- Use filtered tap water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food). Always use cold water when cooking.
- You can use unfiltered tap water for washing your hands, and washing dishes. If using unfiltered water, run the water for at least five minutes before you use it.
- Safe cleaning can also reduce the risk of lead exposure in the home. You can use unfiltered tap water for the following wiping down countertops, mopping floors, and washing clothes.

- Keep children away from lead paint and dust; use wet paper towels to clean up lead dust around windows, play areas and floors; and wash hands and toys often, using soap and water
- Lastly, always wash fruits with filtered water. Some foods help keep lead from being stored in the child's body, such as Calcium rich foods, Iron rich foods, and foods with Vitamin C.

GCHD and MDHHS will continue to provide more information to the community regarding reducing lead exposure and protecting the health of Flint residents. For more information, visit www.michigan.gov/lead.

# # #

October 25, 2015

Dear Parent,

To help make sure the children of Flint are safe from lead exposure, the Genesee County Health Department and the Michigan Department of Health and Human Services want to help you understand:

- Where does lead come from?
- What can I do to protect my family?
- Should I get my child tested for lead?
- Where can I find more information about lead?

Where does lead come from?

Lead is a serious health hazard, especially for small children who become lead poisoned when they eat, drink or breathe lead. Elevated levels of lead have been found in the drinking water from lead pipes in the City of Flint. Kids can also be exposed to lead from old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass, jewelry making and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

Should my child get a blood lead test?

Children who live in the City of Flint, live in a home using City of Flint water, or who attend school, childcare or often spend time with a caregiver in the City of Flint should be tested for lead poisoning. *This should be done as soon as possible.*

Where should I go to get a blood lead test for my child?

The best place to get your child's blood lead test is your doctor's office. Your pediatrician will follow up with you on lab tests and provide you with information on what to do next. You can also have a lead test at the Genesee County Health Department. If you need transportation, contact 2-1-1 for help.

Understanding your child's lead test result.

A lead level below 5 means there is little or no lead in your child's blood. Use the tips below to help keep your child safe. Your doctor may suggest retesting your child within the next 12 months to make sure the level does not go up.

Draft 5

A lead level of 5-14 means that your child has had some exposure to lead. Work with your doctor and local health department for further guidance on how to limit your lead exposure. Your doctor may retest your child in 1-3 months to make sure the level does not go up.

Children with very high levels of lead **(over 40)** may require treatment at the hospital.

What Can I Do to Keep My Family Safe?

The following steps should be taken right away to help protect you and your child.

Protecting your family from lead in the water:

- Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
- Use a water filter in your home. Call 2-1-1 for information on free water filters.
- If you do not have a water filter, use bottled water for drinking and mixing formula.
- Use filtered tap water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food). Always use cold water when cooking.
- You can use unfiltered tap water for washing your hands, and washing dishes. If using unfiltered water, run the water for at least five minutes before you use it.

Safe cleaning:

Safe Cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.

- You can use unfiltered tap water for the following wiping down countertops, mopping floors, and washing clothes.
- Keep children away from lead paint and dust.
- Use wet paper towels to clean up lead dust. Be sure to clean around windows, play areas and floors.
- Wash hands and toys often, using soap and water.

Good nutrition:

Some foods will help keep lead from being stored in a child's body. These are foods with a lot of calcium, iron and vitamin C. These foods include:

Calcium Rich Foods	Iron Rich Foods	Foods with Vitamin C
➢ Milk	➢ Beans	➢ Oranges
➢ Cheese	➢ Lean meats like fish and chicken	➢ Orange juice
➢ Yogurt	➢ Whole grain cereals	➢ Grapefruits
➢ Tofu	➢ Peanut butter	➢ Tomatoes
➢ Spinach		➢ Green peppers

Always

Draft

wash your fruits with filtered water. If you are concerned about your child's diet, talk with your pediatrician who may also recommend a daily multivitamin.

WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the **Genesee County WIC office at (810) 237-4537** to learn more. SNAP also offers a Double Bucks program to purchase even more healthy food for no additional costs.

Where can I get more information on lead?

- Genesee County Health Department Lead Program
  (810) 257-3833
- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453
  www.michigan.gov/lead
- United States Environmental Protection Agency
  www.epa.gov/lead
- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

Draft 5

PROVIDER DRAFT LETTER V.5
October 25, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler, Minicuci Edits
Cross checked with parent letter

Dear Provider:

As you may be aware from recent news reports, elevated levels of lead have been found in lead pipes within the City of Flint's water system.

To help protect the children of Flint from the current lead in water exposure, the Genesee County Health Department and Michigan Department of Health and Human Services are contacting you to assist you in providing guidance to support your families.

Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

As a primary care provider, you play a critical role in helping to ensure that children and families exposed to lead receive the care and reassurances they need to manage the potential health impacts of lead poisoning.

Identification. Children suffering from lead poisoning often fail to present outward symptoms. However, early clinical symptoms can include anemia, anorexia, abdominal pain and constipation. Lead is a neuro-toxin, and exposure can result in violent and aggressive behaviors, lead to learning disorders, may cause Attention Deficit Hyperactivity Disorder (ADHD) and has been known to reduce IQ by as many as 5-8 points with levels as low as 10 ug/dL. Lead is metabolized through the gastrointestinal system similar to iron and calcium, with uptake rates depending on the size and weight of the child. The blood half-life of lead is short (approximately 1 month) but the bone half-life can extend into decades.

Due to multiple risk factors facing many residents in the City of Flint (including aging housing conditions and water quality), we recommend that all children under age 6 living in the City of Flint or living in homes that use Flint water, attending school or childcare in Flint, or who spend time with a caregiver in the City of Flint, receive a blood lead test. Blood lead testing should be done through a child's primary care doctor to ensure adequate short-term and long-term follow-up. ***Families should be encouraged to have their children tested immediately either at their doctor's office or the Genesee County Health Department***.

Management of Blood Lead Levels. The following guidance is provided for management of childhood blood lead levels:

- **BLL < 5 ug/dL**
  - A lead level of less than 5 mcg/dL is not typically cause for concern.
  - Provide education and anticipatory guidance to ensure that lead levels do not rise.
  - Consider retesting in 12 months based on risk factors or concerns.
- **BLL >5 ug/dL**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.

draft

PROVIDER DRAFT LETTER V.5
October 25, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler, Minicuci Edits
Cross checked with parent letter

- In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
- Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.

- **BLL > 44 ug/dL.**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Lead levels over 44 ug/dL may require hospitalization. Consult with an expert at the Children's Hospital of Michigan in Detroit for additional guidance.
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.

Reminder: All children covered by Medicaid must be tested at age 1 and 2.

Follow-up Care. As providers, there are steps you can take to help support your families:

1. Continue to inform and educate families regarding lead risks and preventative steps that they can take to minimize their risks.
2. Encourage your families to use filtered water for drinking, mixing formula and washing dishes. Families can contact 2-1-1 for information on free water filters.
3. Healthy nutrition is critical for lead-exposed children. Make sure your patients are consuming balanced diets high in iron, calcium and Vitamin C. If you have concerns about their nutrition, consider recommending a multivitamin with iron. WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more. In addition, SNAP offers a Double Bucks program that can provide healthy foods for less.
4. Breastfeeding is highly protective and encouraged. However, if the mother's blood lead level rises above 40ug/dL or her level is greater than 20 ug/dL and the baby has a level above 5 ug/dL breastfeeding is not recommended.
5. Because lead is a neuro-toxin, children with lead poisoning need longitudinal follow-up and may require developmental and behavioral health intervention services. Continue monitoring your patients' development at every visit.
6. Consider additional wrap-around and support services that will benefit your patients such as early childhood home visiting programs, early head start and head start. Call 2-1-1 for more information.

draft

PROVIDER DRAFT LETTER V.5
October 25, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler, Minicuci Edits
Cross checked with parent letter

Local Resources. Several local resources are available to you and your patients:

- Blood Testing. Patients are encouraged to contact their primary care provider for testing. The Genesee County Health Department also administers lead tests. Patients in need of transportation should contact 2-1-1 for assistance.
- Water Testing. Water testing is free through the City of Flint Water Testing Plant. Patients can call 810-787-6537 to learn more.
- WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more.
- Child Development. If you have concerns about a child's growth, development or learning contact 2-1-1 for a Home Visiting Program in your area.

Websites and contact information.

- Genesee County Health Department Lead Program
  (810) 257-3833

- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453

- Michigan Department of Health and Human Services Lead Poisoning Prevention Video for Primary Care Providers on Youtube at /www.youtube.com/watch?v=AnkjCW_yGaU&feature=youtu.be.

- www.michigan.gov/lead
  United States Environmental Protection Agency
  www.epa.gov/lead

- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

draft 3

From: Adler, Ari (GOV)
Sent: Monday, October 26, 2015 9:28 AM
To: Agen, Jarrod (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Lead-free hashtag?

This could get ugly today on social media...

Michigan HHS Dept MichiganHHS
25 Oct
National #LeadPoisoning Prevention Week is October 25-31. Learn more about lead exposure: https://t.co/Nt0nMn72xi #LPPW2015 #leadfreekids

--
Ari B. Adler
Special Projects Manager
Executive Office of Gov. Rick Snyder
adlera@michigan.gov
517-599-5445

From: Agen, Jarrod (GOV)
Sent: Monday, October 26, 2015 10:13 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Adler, Ari (GOV)
Subject: Re: Lead-free hashtag?

Sara or Dave --
Please call DHHS and tell them not to use that # anymore.

On Oct 26, 2015, at 9:27 AM, Adler, Ari (GOV) <AdlerA@michigan.gov> wrote:

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>
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> Ari B. Adler
> Special Projects Manager
> Executive Office of Gov. Rick Snyder
> adlera@michigan.gov
> 517-599-5445

From: Wurfel, Sara (GOV)
Sent: Monday, October 26, 2015 10:14 AM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Adler, Ari (GOV)
Subject: RE: Lead-free hashtag?

I'm on it -- my head is going to explode.

From: Agen, Jarrod (GOV)
Sent: Monday, October 26, 2015 10:13 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
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Subject: Re: Lead-free hashtag?

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> Ari B. Adler
> Special Projects Manager
> Executive Office of Gov. Rick Snyder
> adlera@michigan.gov
> 517-599-5445

From: Wurfel, Sara (GOV)
Sent: Monday, October 26, 2015 12:06 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Adler, Ari (GOV)
Subject: RE: Lead-free hashtag?

Just to confirm. Done and done. They will no longer be using.

It was a national push and hash tag, but obviously given latest situation, that doesn't lend itself well to understanding.

From: Wurfel, Sara (GOV)
Sent: Monday, October 26, 2015 10:14 AM
To: 'Agen, Jarrod (GOV)' <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Adler, Ari (GOV) <AdlerA@michigan.gov>
Subject: RE: Lead-free hashtag?

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>
> --
> Ari B. Adler
> Special Projects Manager
> Executive Office of Gov. Rick Snyder
> adlera@michigan.gov
> 517-599-5445

From: Wurfel, Brad (DEQ)
Sent: Monday, October 26, 2015 3:15 PM
To: Clayton, Stacie (GOV); Eisner, Jennifer (DHHS)
Cc: Hollins, Harvey (GOV); Murray, David (GOV)
Subject: RE: Schools Water Testing

Right, got it now!
Director Wyant did more than 15 interviews one week ago today. In those, we talked about the governor's plan, including sending teams into the schools in Flint to look for sources and check water sources for lead.

Several of the reporters keyed-in on the provision in the governor's plan which calls for the state to promote lead awareness for the schools, many of which have never been tested.
The public awareness campaign will be lead by DHHS, It is still under development. This did not stop a lot of reporters from wanting to talk about it.

Here's an example from today's Detroit News (front page):
http://www.detroitnews.com/story/life/wellness/2015/10/26/school-water/74606636/

So, there's no letter from the state to the education community at large. All that has been communicated to the schools at this point has been communicated by local reporters playing off the headlines from Flint. There's been a few echo stories in local communities.
b

From: Clayton, Stacie (GOV)
Sent: Monday, October 26, 2015 2:53 PM
To: Wurfel, Brad (DEQ)
Cc: Hollins, Harvey (GOV); Murray, David (GOV)
Subject: Schools Water Testing

Brad,

Please see the last paragraph of this article where it says "The Michigan Department of Environmental Quality is urging all school districts with older buildings to test the tap water for lead." http://michiganradio.org/post/grand-rapids-public-schools-test-drinking-water-lead#stream/0

Do you know how this was communicated to the school districts?

Thank you,
Stacie

From: Minicuci, Angela (DHHS)
Sent: Tuesday, October 27, 2015 4:46 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Wurfel, Sara (GOV)
Cc: Eisner, Jennifer (DHHS)
Subject: GCHD Release
Attachments: Media Release: GCHD and MDHHS Partner to Issue Guidance to Flint Parents, Providers

Hi all,

Just a note. We finalized the language in the Genesee County Health Department release and were going to wait to send it until the letters went out but then the county misunderstood and sent it out today anyway. See attached.

Seen as this release said the letters went out today, but they haven't even been printed yet, they are working on a retraction to correct this.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
Mobile: PPI
minicuciа@michigan.gov
www.michigan.gov/mdhhs

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From: Sandlin, Mary <MSANDLIN@gchd.us>
Sent: Tuesday, October 27, 2015 4:07 PM
Subject: Media Release: GCHD and MDHHS Partner to Issue Guidance to Flint Parents, Providers
Attachments: GCHD and MDHHS Partner to Issue Guidance to Flint Parents.pdf

Mary E. Sandlin
Clerical Coordinator
Genesee County Health Department
630 S. Saginaw Street, Suite 4
Flint, MI 48502-1540
(810) 257-3812 FAX: (810) 257-3147
msandlin@gchd.us

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This Document is a Non-Responsive Attachment.

From: Maloney, Damon <damon.maloney@abc12.com>
Sent: Wednesday, October 28, 2015 9:59 AM
To: Murray, David (GOV)
Cc: Wurfel, Sara (GOV)
Subject: Flint Water Inquiry

There are several groups who are demanding the Governor issue a State of Emerfency related to the water & infrastructure situation in Flint. They claim it would open up the door for federal assistance.

My questions are...

DOES the governor have the power/authority to declare a State of Emergency for issues like what's happening in Flint?

IF such a declaration was made- does it open the doors to federal assistance for example... to replace old lead service lines... and/or other infrastructure?

Has the governor considered/discussed asking for additional monetary help from the federal government for infrastructure repairs/replacements in Flint?

Lastly, the governor has called for a third party review of the decision making that went into Flint's water source switch- problems that followed. What's the latest on that effort? Will the legislature have a role- Sen. Ananich says Legislature should have a role.

Thank you

Damon Maloney
abc12 News
Sent from my iPhone

From: Leix, Ron (MSP)
Sent: Wednesday, October 28, 2015 11:52 AM
To: Murray, David (GOV); 'Maloney, Damon'
Subject: RE: Flint Water Inquiry
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hi Dave,

That's correct. All emergencies and disaster declarations begin and end at the local level through the Michigan Emergency Management Act (Public Act 390 of 1976).

Our third district Michigan State Police emergency management coordinator has been working closely working with Genesee County Emergency Management Coordinator Jenifer Boyer. At this time, the county has not requested state assistance through the Michigan Emergency Management Act.

Jenifer Boyer would be a good source to talk to about what sort of local declarations have been made and operations are taking place at the local level.

I hope this helps. Please let me know if you have any other questions.

Thanks,

Ron

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
TX: (517) 336-6464
Cell: PPI

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"

-----Original Message-----
From: Murray, David (GOV)
Sent: Wednesday, October 28, 2015 10:46 AM
To: 'Maloney, Damon'
Cc: Leix, Ron (MSP)
Subject: RE: Flint Water Inquiry

Hi Damon,

I'm including on this email Ron Leix from Michigan State Police, who is the expert in all things related to emergencies.

My impression is that such a declaration request starts with local authorities. Ron, can you help me with the process and how it works?

Damon, it's also important to remember that the state continues to work with Flint leaders on their infrastructure challenges. In addition to the $6 million the state recently approved for the temporary reconnection to the Great Lakes Water Authority, the state earlier awarded the city $2 million in grants to improve infrastructure and $2.2 million in savings from restructured loans that can be directed to infrastructure repairs.

Dave

-----Original Message-----
From: Maloney, Damon [mailto:damon.maloney@abc12.com]
Sent: Wednesday, October 28, 2015 9:59 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
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Thank you

Damon Maloney
abc12 News
Sent from my iPhone

Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.

2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.

3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.

4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 28, 2015 5:43 PM
To: 'Kaffer, Nancy'; Murray, David (GOV)
Subject: RE: Question about the Flint panel

So glad you dropped a note again, Nancy. Have no idea how missed this earlier – apparently a flurry of emails all the same time.

The task force has full independence and our administration has pledged full and complete cooperation. It will operate as transparently as possible and there are expected to be opportunities for public input. The goal and mission is to conduct a thorough independent review of decisions and practices at the state, federal and city level concerning water in Flint.

The task force isn't a public body (it doesn't make policy and doesn't govern anything). They're a group of dedicated professionals who have volunteered to conduct an outside investigation of an issue and report recommendations and findings to the Governor. We fully plan on sharing that.

Thanks and best,
SW

From: Kaffer, Nancy [mailto:nkaffer@freepress.com]
Sent: Wednesday, October 28, 2015 5:26 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Question about the Flint panel

Roping Dave in, here, because Sara, I know you've been dealing with some family business.

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Kaffer, Nancy
Sent: Tuesday, October 27, 2015 4:16 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>
Subject: Question about the Flint panel

So, the panel that's looking at Flint – it reports to the governor, yes? Does that mean its reports/notes/interim work/final product won't be subject to FOIA?

N

Nancy Kaffer
Columnist
Detroit Free Press

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From: Kaffer, Nancy <nkaffer@freepress.com>
Sent: Wednesday, October 28, 2015 5:49 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Question about the Flint panel

Thanks for the reply, Sara.

Just to be clear: The governor's office considers itself exempt from FOIA, so if the report/findings/whatever you want to call it is delivered to the governor, it will not be subject to FOIA? Does the task force have a budget to hire investigators? It's not a public body so it doesn't have subpoena power, right?

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From: Wurfel, Sara (GOV)
Sent: Wednesday, October 28, 2015 6:29 PM
To: Kaffer, Nancy
Cc: Murray, David (GOV)
Subject: Re: Question about the Flint panel

The overarching point Nancy is that won't be necessary as we will share report/findings.

We fully expect people to cooperate and freely offer information.

Sent from my iPhone

On Oct 28, 2015, at 5:48 PM, Kaffer, Nancy <nkaffer@freepress.com> wrote:

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>
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@nancykaffer, @abettermi

From: Kaffer, Nancy
Sent: Tuesday, October 27, 2015 4:16 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Question about the Flint panel

So, the panel that's looking at Flint – it reports to the governor, yes? Does that mean its reports/notes/interim work/final product won't be subject to FOIA?

N

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Ronald Fonger <RFONGER1@mlive.com>
Sent: Wednesday, October 28, 2015 8:30 PM
To: Murray, David (GOV)
Subject: RE: change agent consortium

Dave: Sorry I've been rushing, covering Congressman Kildee's town hall.
I see your point, and will update the post to include it in response.

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, October 28, 2015 8:12 PM
To: Ronald Fonger
Cc: Bryn Mickle; Wurfel, Sara (GOV)
Subject: RE: change agent consortium

Bryn and Ron,

Please help. We're confused by the part of my statement that directly addresses the concerns raised by Rev Bulloch was omitted from the story.

Rev. Bulloch says: "There doesn't seem to be a sense of urgency around responsibility and accountability" for Flint's water emergency, Bullock said.

The omitted part of my quote says: "The task force expects to complete its work within three months. It would be premature to take any action until after the task force submits its report."

Leaving this out appears I was dodging the question. I instead addressed it head on. Can you please add that important detail to the story?

Thanks,

Dave

From: Murray, David (GOV)
Sent: Wednesday, October 28, 2015 3:42 PM

To: 'Ronald Fonger' <RFONGER1@mlive.com>
Subject: RE: change agent consortium

We had a good, respectful meeting with a small group from Flint that included pastors, concerned residents and Councilman Mays.

Gov. Snyder has assembled a third-party task force that includes respected experts in public health, water management and environmental protection for an unbiased review of all actions of the city, state and federal governments regarding water use and testing in Flint.

That task force is expected to look at what occurred as well as make recommendations for what should happen moving forward because we believe that Flint residents need clean, safe water. The task force expects to complete its work within three months. It would be premature to take any action until after the task force submits its report.

Meanwhile, the Department of Environmental Quality and the Department of Health and Human Services continue to work with city leaders, educators and residents to continue testing and carrying out other aspects of the governor's action plan.

Dave

rom: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, October 28, 2015 3:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: change agent consortium

Dave: I just spoke to Rev. Bullock, who said he spoke with you as his group called for the governor to fire Dan Wyant today.
We also have some video from our Lansing hub.
The pastor indicated the group raised questions with you about the task force on Flint water and said he left the conversation feeling, "There doesn't seem to be a sense of urgency around responsibility and accountability."
Would you want to comment on the group's request and/or your conversation with them today.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 28, 2015 9:23 PM
To: Murray, David (GOV)
Subject: Re: change agent consortium

Good grief. The fact that this even had to be pointed out and requested is so sad, but good for you.

Sent from my iPhone

On Oct 28, 2015, at 8:46 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

From: Murray, David (GOV)
Sent: Wednesday, October 28, 2015 8:33 PM
To: 'Ronald Fonger' <RFONGER1@mlive.com>
Subject: RE: change agent consortium

Thanks!

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Reporter

mobile PPI
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Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Michelle Zdrodowski <michelle.zdrodowski@detroitk12.org>
Sent: Thursday, October 29, 2015 3:53 PM
To: Hollins, Harvey (GOV)
Cc: connersp@michigan.gov; Muchmore, Dennis (GOV); Walsh, John (GOV); McPhee, Karen (GOV); Murray, David (GOV); Khouri, Nick (TREASURY); Baird, Richard (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Wurfel, Sara (GOV); Darnell Earley
Subject: Flint EM Order On Water Plant Upgrades
Attachments: Water Plant EO-Kurtz Order on Water Plant.pdf

Harvey,

Mr. Earley asked that I send you the attached executive order signed by former Flint EM Edward Kurtz, which clearly indicates that a decision on the use of Flint River water had been made by June of 2013.

This was not included in the packet of documents that had previously been provided by Treasury.

Any questions, please let him know.

Thanks,

Z

Michelle A. Zdrodowski
Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI mobile

EM SUBMISSION NO.: 2013 EM140

PRESENTED: 6-21-13

ADOPTED: 6-26-13

BY THE EMERGENCY MANAGER:

Resolution Authorizing Approval to Enter into a Professional Engineering Services Contract for the Implementation of Placing the Flint Water Plant into Operation

The City of Flint requires professional engineering services for assistance in placing the Flint Water Plant into operation using the Flint River as a primary drinking water source for approximately two years and then converting to KWA delivered lake water when available at a cost of $171,000.00; and

The City of Flint is seeking to enter into a sole source contract with Lockwood, Andrews & Newnam, Inc., with funding coming from the Utilities Administration FY14 account in 591-536.100-801.000; and

IT RESOLVED, That appropriate City Officials are authorized to enter into a Professional Engineering Services contract with Lockwood, Andrews & Newnam, Inc., for the administration of placing the Flint Water Plant into operation using the Flint River as a primary drinking water source at a cost of $171,000.00. Funding will come from the Utilities Administration FY14 account 591-536.100-801.000

APPROVED AS TO FORM:

Peter M. Bade, Chief Legal Officer

APPROVED AS TO FINANCE:

Jerry Ambrose, Finance Director

EM DISPOSITION:

ENACT ✓ **FAIL** _____ **DATED** 6-26-13

Edward J. Kurtz, Emergency Manager

RESOLUTION STAFF REVIEW

Date: June 17, 2013

Agenda Item Title: Resolution Authorizing Approval to Enter into a Professional Engineering Services Contract for the implementation of Placing the Flint Water Plant into Operation

Prepared by:
Yolanda Gray, Utilities Accounting Coordinator

Summary of Proposed Action:
Resolution authorizing the City of Flint to enter into a sole source contract with Lockwood, Andrews & Newnam for professional engineering services to place the Flint Water Plant into operation using the Flint River as a primary drinking water source.

Financial Implications:
$171,000.00

Pre-encumbered?: Yes____ No x Requisition: Funding will be available in the FY14 Utilities Administration budget.

Account No. FY14 591-536.100-801.000

Other implications (i.e. collective bargaining):
No other implications are known at this time.

Staff Recommendation: Recommend Approval

Staff Person

Howard Croft
Infrastructure & Development Director

Daugherty A. Johnson III
Utilities Administrator

From: Wurfel, Sara (GOV)
Sent: Friday, November 06, 2015 2:14 PM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Keeping in the loop

And Nancy called my cell before went into last round of mtgs. She/Freep is fixated on active role of Andy Dillon and Treasury at time and throughout and is asking if we had concerns, how could we have ever approved it.

I reiterated issues at time and tried to out heavy focus on we're focused on this task force work and letting them do their very important job of reviewing all actions related to this situation. Bipartisan group of people of high integrity, experts in their field and widely respected who are going to do a very thorough review.

Sent from my iPhone

On Nov 6, 2015, at 2:09 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Nancy is working with Brad on another column on the water issue. Here questions are below. I worked with him on some of the grammatical things, but also to stress that the governor has appointed a third-party task force to look at all of these steps and others and we expect a report in three months.
>
> Below is the version prior to the update.
>
> Dave
>
> ---
>
> **From:** Wurfel, Brad (DEQ)
> **Sent:** Friday, November 06, 2015 1:59 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** DRAFT DELIBERATIVE RE: Need comment ASAP
>
> These questions all make the presupposition that the state actually runs municipal drinking water systems. Every municipal drinking water system is required by law to have a certified operator on staff. In Flint's case, they added outside expertise on contract as well as having a certified operator. The nuance in your question is the idea that they don't do anything locally without being told to do so by the State. Not the case at all. Plenty of systems around the state make adjustments to their drinking water system within guidelines. The DEQ staff offer counsel and guidance, but State's formal role is to serve as regulator, not operator.
>
> Flint commissioned the report you mentioned. If they ignored the recommendations in appendix of the report they commissioned, ask them why. Our take was that Flint was to run two consecutive tests of the system to determine optimization needs. The U.S. EPA finally came out with its finished guidance on that and distributed it nationally this week. I've

enclosed it. We were pleased that they acknowledged the Lead and Copper rule is worded ambiguously on continued corrosion control. The clarification will help Michigan and every other state going forward.

Your second questions also is more appropriately directed to Flint. The city made the decision to use the river, the historic backup, as their primary. DEQ's role was to oversee necessary changes to the drinking water plant to ensure the water met Safe Drinking Water standards.

To your final question, I believe it was reintroduced when the Flint City Council voted 7-1 to join Karegnondi, and DWSD responded by sending Flint a one-year contract termination notice. While that notice was not a shutoff notice, it did signal that the contract rates for water would be terminated and thus open for renegotiation. But again, this is a question best addressed by the city.

Hey Brad,

Just want to make sure you got my voice mail. I have some follow up questions based on the FOIA'd material I received yesterday.

Specifically:

- By 2013, MDEQ had a 2011 Flint report about the prospect of using Flint River water as a drinking water source. That report includes an appendix that lists phosphates, which we all now know are used for corrosion control, in the list of chemicals that would be required to treat the water. With a report in hand stating phosphates should be used, why were they not required?
- Based on the materials I received, the 2011 report comes up briefly in 2013, when the KWA switch was contemplated, then seems to drop out of the picture. Why was a report about the viability of the Flint River water as a drinking water source not part of the 2014 conversations about whether to switch to the river or to stay connected to DWSD?
- A report included in the material I FOIA'd said that by the end of 2012, Flint officials did not want to pursue the option of using the Flint River as a drinking water source. Why was it reintroduced?

Need a response ASAP. This is for Sunday.

Nancy

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

<image2015-11-03-155158.pdf>

From: Kaffer, Nancy <nkaffer@freepress.com>
Sent: Friday, November 06, 2015 2:28 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV)
Subject: RE: Need comment ASAP

The state doesn't run municipal drinking water systems, but it does sign off on their plans for water treatment -- yes?

If the state's assertion is that it mistakenly applied an ambiguously worded standard, it seems to me that the existence of a report, in MDEQ's possession before the switch, that indicated the need for -- and cost of -- corrosion control should have prompted further investigation? Do you disagree?

(BTW, per this report, phosphates would have cost $60 a day.)

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Friday, November 06, 2015 2:24 PM
To: Kaffer, Nancy <nkaffer@freepress.com>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need comment ASAP

These questions all make the presupposition that the state actually runs municipal drinking water systems. Every municipal drinking water system is required by law to have a certified operator on staff. In Flint's case, they added outside expertise on contract as well as having a certified operator. The nuance in your question is the idea that they don't do anything locally without being told to do so by the State. Not the case at all. Plenty of systems around the state make adjustments to their drinking water system within guidelines. The DEQ staff offer counsel and guidance, but State's formal role is to serve as regulator, not operator.

Flint commissioned the report you mentioned. If they ignored the recommendations in appendix of the report they commissioned, they can probably best explain why. Our take was that Flint was to run two consecutive tests of the system to determine optimization needs. The U.S. EPA finally came out with its finished guidance on that and distributed it nationally this week. I've enclosed it. We were pleased that they acknowledged the Lead and Copper rule is worded ambiguously on continued corrosion control. The clarification will help Michigan and every other state going forward.

Your second questions also is more appropriately directed to Flint. The city made the decision to use the river, the historic backup, as their primary. DEQ's role was to oversee necessary changes to the drinking water plant to ensure the water met Safe Drinking Water standards.

To your final question, I recall it was reintroduced when the Flint City Council voted 7-1 to join Karegnondi, and DWSD responded by sending Flint a one-year contract termination notice. While that notice was not a shutoff notice, it did signal that the contract rates for water would be terminated and thus open for renegotiation. But again, this is a question best addressed by the city.

These issues will undoubtedly be considered by the Governor's After Action Review Task Force. Until that review is finalized, we don't have much more to say about it. The DEQ is now focused on implementing the Governor's 10-point plan to protect kids and families in Flint, which includes free tap filters for all city residents as a precaution, free home water testing and children's blood tests for all city residents, and an unprecedented look at potential for lead exposure in the city schools, among other things.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Friday, November 06, 2015 3:12 PM
To: Kaffer, Nancy (nkaffer@freepress.com)
Cc: Murray, David (GOV)
Subject: RE: Need comment ASAP

Nancy, we believe we've responded to your inquiry and provided the information you requested. As I mentioned before, we are working to provide all necessary information to the after action review task force, and the DEQ is focused on moving forward and taking care of priorities in Flint.
Thank you for the opportunity to comment on this issue.
b

From: Kaffer, Nancy [mailto:nkaffer@freepress.com]
Sent: Friday, November 06, 2015 2:28 PM
To: Wurfel, Brad (DEQ)
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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
[redacted] cell

From: Wurfel, Brad (DEQ)
Sent: Friday, November 06, 2015 4:46 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Fwd: reporter inquiry

Sent from my iPhone

Begin forwarded message:

> **From:** Ronald Fonger <RFONGER1@mlive.com>
> **Date:** November 6, 2015 at 3:39:33 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Subject: RE: reporter inquiry**
>
> Specific questions: Is the DEQ aware that nearly 90 percent of Flint's water samples submitted from the first half of this year are not Tier 1 test sites?
> City officials have said they distributed water bottles in collecting samples without regard for whether homes had lead service lines. Is that an acceptable collection procedure?
> Is the state developing any guidelines for Flint and/or other communities about collection methods to insure the homes at the highest risk of high lead levels are the ones tested in the future?
> Thanks,
>
> **Ron Fonger**
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com
> address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Friday, November 06, 2015 3:16 PM
To: Ronald Fonger
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Ron, thanks for the phone call regarding Flint's sample submissions.
if you've got a specific question, you're welcome to ask. But this is an ongoing issue, and I don't think we'll be able to offer much comment at this time.
b

Brad Wurfel
Communications Director

Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Friday, November 06, 2015 5:03 PM
To: Murray, David (GOV)
Subject: Re: reporter inquiry

Actually, the DEQ is investigating this right now as a potential enforcement action. That limits what I can say to the media. But there it is.

Sent from my iPhone

On Nov 6, 2015, at 4:57 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> I think we might be best served by saying that the task force will review all aspects of the Flint water infrastructure challenges, that we understand people are concerned and we anticipate a report after a thorough review and look for recommendations moving forward.
>
> Sent from my iPhone
>
> On Nov 6, 2015, at 4:46 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:
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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Friday, November 06, 2015 5:05 PM
To: Ronald Fonger
Cc: Murray, David (GOV)
Subject: Re: reporter inquiry

I cannot confirm the number you used, but we are aware of the situation and the DEQ is investigating it as a potential enforcement case.
We are looking into it, and we will take appropriate action according to the law.
b

Sent from my iPhone

On Nov 6, 2015, at 3:40 PM, Ronald Fonger <RFONGER1@mlive.com> wrote:

> Specific questions: Is the DEQ aware that nearly 90 percent of Flint's water samples submitted from the first half of this year are not Tier 1 test sites?
> City officials have said they distributed water bottles in collecting samples without regard for whether homes had lead service lines. Is that an acceptable collection procedure?
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> address 540 S. Saginaw St. #101, Flint MI 48502

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Subject: reporter inquiry

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b

Brad Wurfel
Communications Director

Michigan Department of Environmental Quality
517-284-6713
PPI 5 cell

From: Clayton, Stacie (GOV)
Sent: Monday, November 09, 2015 9:46 AM
To: Kennedy, Jordan (GOV)
Cc: Hollins, Harvey (GOV); Murray, David (GOV); Emmitt, Beth (GOV); Biehl, Laura (GOV); Wurfel, Sara (GOV)
Subject: RE: Steve Hood Interview Request

Hi Jordan,

Steve Hood called again this morning. It's been 3 weeks since he made his request and he has not heard from anyone with a response. Will you please assist with someone in communications responding to him?

Thank you,
Stacie

From: Clayton, Stacie (GOV)
Sent: Tuesday, October 20, 2015 1:00 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: FW: Interview Request

Sara,

Harvey asked me to follow up on this request from Steve Hood. Does it look like this is something that can happen next week while the education plan is still top of mind?

Stacie

From: Steve Hood [mailto:steve@roninamerica.net]
Sent: Monday, October 19, 2015 11:00 AM
To: 'wurfels@michigan.gov' <wurfels@michigan.gov>
Subject: Interview Request

Sarah, I need 10 minutes with the Governor the week of the 26th to talk education and Flint Water. We can come to a location of his choosing.
Let me know if we can make this work.

RONIN AMERICA
14450 SCRIPPS
DETROIT, MI 48215
EMAIL:STEVE@RONINAMERICA.NET
Ph:313-737-9311

From: Biehl, Laura (GOV)
Sent: Monday, November 09, 2015 9:52 AM
To: Clayton, Stacie (GOV); Kennedy, Jordan (GOV)
Cc: Hollins, Harvey (GOV); Murray, David (GOV); Emmitt, Beth (GOV); Wurfel, Sara (GOV)
Subject: RE: Steve Hood Interview Request

We have this on our list of requests and will get back with Steve as soon as we have an available time.

From: Clayton, Stacie (GOV)
Sent: Monday, November 09, 2015 9:46 AM
To: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: Steve Hood Interview Request

Hi Jordan,

Steve Hood called again this morning. It's been 3 weeks since he made his request and he has not heard from anyone with a response. Will you please assist with someone in communications responding to him?

Thank you,
Stacie

From: Clayton, Stacie (GOV)
Sent: Tuesday, October 20, 2015 1:00 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: FW: Interview Request

Sara,

Harvey asked me to follow up on this request from Steve Hood. Does it look like this is something that can happen next week while the education plan is still top of mind?

Stacie

From: Steve Hood [mailto:steve@roninamerica.net]
Sent: Monday, October 19, 2015 11:00 AM
To: 'wurfels@michigan.gov' <wurfels@michigan.gov>
Subject: Interview Request

Sarah, I need 10 minutes with the Governor the week of the 26th to talk education and Flint Water. We can come to a location of his choosing.
Let me know if we can make this work.

RONIN AMERICA
14450 SCRIPPS
DETROIT, MI 48215
EMAIL:STEVE@RONINAMERICA.NET
Ph:313-737-9311

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Edgerton, Shelly (LARA); Dykema, Linda D. (DHHS); Wells, Eden (DHHS); Murray, David (GOV); Brown, Jessica (GOV); Wurfel, Brad (DEQ); Feuerstein, Heather (DEQ)
Subject: School testing results
Attachments: School results PR.docx

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | PPI
tommasulok@michigan.gov

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, 517-284-6719, krisztiang@michigan.gov

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results
At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related

components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Brown, Jessica (GOV)
Sent: Monday, November 09, 2015 2:44 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: FW: Flint water school testing results - 3 PM
Attachments: School results PR.docx

Saw Dave was on this but since he's on the road, thought you should see as well. DEQ is planning to issue at 3 p.m.

This is the first I've seen a draft but Dave may have been looped in on the back end. Looks ok and pretty thorough to me. If you need help trying to track any background info down let me know. Happy to reach out.

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Edgerton, Shelly (LARA) <Edgerton51@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Wells, Eden (DHHS) <WellsE3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Subject: School testing results

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | PPI
tommasulok@michigan.gov

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, 517-284-6719, krisztiang@michigan.gov

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components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

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On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Wurfel, Brad (DEQ)
Sent: Monday, November 09, 2015 4:51 PM
To: Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Krisztian, George (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Tommasulo, Karen (DEQ)
Subject: Document1
Attachments: Document1.docx

Talking points on today's data release
b

Talking Points on Freeman Announcement

Q: How do we describe the home tests?

A: The home tests are a surveillance-level screening tool. It is the same test used by the state to comply with the federal Lead and Copper Rule.

Q: SO, a safe reading doesn't mean my water is safe?

A: A low reading means there are no fixture-related issues. This screening may not catch impacts of a lead service line to the home. If a homeowner isn't sure whether they have a lead service line, the best way for homeowners to be absolutely sure is to have a certified plumber inspect their home.

Q: Does home plumbing inspection mean they dig up my yard?

A: Usually, no. A good plumber can usually assess the service line from the point of entry to the home.

Q: Was the inspection of the schools done with a different kind of testing? If so, how so?

A: Yes, the testing at the schools is a very thorough protocol designed to first determine if there are fixture-specific issues, then look deeper into the system to identify possible lead plumbing issues.

Q: What was learned by the testing at Freeman Elementary?

A: We identified 9 of 31 sites where the plumbing clearly was imparting lead into water. Importantly, we did repeated draws of the water at these spots over several minutes, and saw lead levels drop dramatically. This means the lead is in the fixtures, not in the water lines. It means the fixtures need to be addressed in some way – flushing for several minutes will help, but replacement of these fixtures offers a more permanent solution. And it means the water at Freeman is safe at 22 of the 31 sites inspected, which is of some reassurance to school officials.

Q: The City is now using water from Detroit. When will the water be free from lead again?

A: The water from Detroit is treated with phosphates, which coat the insides of lead home service lines and will reduce lead impacts. The City also will be adding additional phosphates to develop this coating more quickly, but it could take months for corrosion control to be achieved throughout the system. It is important to note that, even in systems where optimal corrosion control exists, lead components in home plumbing can still cause lead exposure. Removing lead from home plumbing is the only permanent solution to address lead in home water supplies. And testing is the best way to get an accurate sense of one's exposure. In Flint, blood testing for children is free, and surveillance testing of water for any resident also is free.

From: Brown, Jessica (GOV)
Sent: Tuesday, November 10, 2015 4:31 PM
To: Bedan, Morgan (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV)
Subject: Media Briefing: 11/12 at 10:45

Morgan,

Here's the briefing for the 10:45 a.m. time slot on Thursday. Still working to confirm the earlier slot but thought I would send along this one.

RDS/SW- LIVE Radio interview with Renk on WBCK Radio

Date: Thursday, Nov. 12, 2015

Time: 10:45 – 10:58 a.m.

RDS to call: PPI (one minute before interview)

Purpose: Opportunity to talk about roads and goals for the rest of your term.

Possible Topics:

- Not Responsive
- Flint water testing

Recent Articles:
Michigan Road Funding (WBCK)
http://wbckfm.com/tags/michigan-road-funding/
Gov. Snyder signs $1.2B road funding package (Detroit Free Press)
http://www.freep.com/story/news/politics/2015/11/10/gov-snyder-signs-12b-road-funding-package/75510548/
Gov. Rick Snyder launches statewide tour to promote skilled trades (MLive)
http://www.mlive.com/news/grand-rapids/index.ssf/2015/11/governor_snyder_launches_state.html
Kalamazoo promise celebrates 10 years of success (WOOD)
http://woodtv.com/2015/11/10/kalamazoo-promise-celebrates-10-years-of-success/
Integrity Report ranks Michigan worst in nation for government transparency, accountability (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/11/michigan_ranks_worst_in_nation.html

Last interview: 4/8/15 re: Roads

Market: Kalamazoo and Battle Creek and online at www.wbckfm.com

Contact: PPI Studio Line/ Back-up: PPI

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: PPI
BrownJ53@michigan.gov

From: Brown, Jessica (GOV)
Sent: Wednesday, November 11, 2015 10:57 AM
To: Bedan, Morgan (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV)
Subject: Fwd: Steve Gruber Media Briefing

Steve Gruber briefing below. We should be all set.

Jess

Sent from my iPhone

Begin forwarded message:

From: Jessica Brown <PPI>
Date: November 11, 2015 at 10:52:53 AM EST
To: <brownj53@michigan.gov>
Subject: Steve Gruber Media Briefing

RDS/SW- TAPED radio interview with Steve Gruber on WJIM Radio

Date: Thursday, Nov. 12, 2015

Time: 10:30-10:40 a.m.

RDS to call: PPI

Purpose: Opportunity to talk about roads, Detroit schools and Flint water

Possible Topics:

- Not Responsive
- Flint water emergency
- Not Responsive

Recent Articles:
Road fix crashes again (Nov.2 – WJIM)
http://wjimam.com/road-fix-crashes-again/
Gov. Snyder signs $1.2B road funding package (Detroit Free Press)
http://www.freep.com/story/news/politics/2015/11/10/gov-snyder-signs-12b-road-funding-package/75510548/
Snyder signs long-term road funding plan: 'It's about investing in Michigan's Future' (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/11/snyder_signs_long-term_road_fu.html
Senate panel OKs concealed guns in 'gun free' zones (Detroit News)
http://www.detroitnews.com/story/news/politics/2015/10/13/senate-panel-oks-concealed-guns-gun-free-zones/73889132/
Keep guns out of Michigan schools poll respondents say (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/11/09/guns-in-schools-poll/75460048/

Market: Mid-Michigan / online – www.wjimam.com<http://www.wjimam.com>

Contact: PPI studio line / PPI back-up number (Ivey Gruber - show producer)

From: Clayton, Stacie (GOV)
Sent: Wednesday, November 11, 2015 7:57 PM
To: Hollins, Harvey (GOV); Murray, David (GOV)
Subject: Fwd: Flint's New Mayor to Call for Disaster Declaration in First Radio Interview on "Redline with Bankole Thompson" on WDET-101.9

From: <news@bankolethompson.com>
Date: November 11, 2015 at 7:44:16 PM EST
To: <news@bankolethompson.com>
Subject: Flint's New Mayor to Call for Disaster Declaration in First Radio Interview on "Redline with Bankole Thompson" on WDET-101.9
Reply-To: <news@bankolethompson.com>

Karen Weaver, Newly Elected Mayor of Flint to Appear for Exclusive Interview on 'Redline with Bankole Thompson,' Thursday, Nov. 12, 11am on WDET-101.9FM- Detroit Public Radio

Detroit, MI, Nov 12- Dr. Karen Weaver, the new mayor of Flint, a majority African American city where tests recently showed the Flint River water residents have been using for cooking, drinking and bathing for the past 18 months was contaminated with lead, will appear tomorrow at 11am on "Redline with Bankole Thompson," on WDET-101.9FM for an exclusive interview.

Weaver wants Flint to be declared a national disaster after local officials and the Michigan Department of Environmental Quality failed to use the appropriate test protocols to detect lead in the water customers have been using.

Thousands of customers including pregnant women, seniors, school going children have been drinking the contaminated water that an independent research team from Virginia Tech confirmed has lead in it.

Weaver is the latest guest to appear on the weekly broadcast http://wdet.org/shows/redline/ which has become a mainstay for inclusive and racially diverse conversation on issues. Redline has netted some significant guests in broadcast interview whose appearance on the Detroit program was their first time on WDET.

Weaver is also the subject of Bankole Thompson's weekly Thursday column in The Detroit News coming out tomorrow, where she granted her first extensive media interview since winning in last Tuesday's election.

From: Wurfel, Brad (DEQ)
Sent: Thursday, November 12, 2015 7:19 PM
To: Stanton, Terry A. (Treasury)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Sampson, Jeremy (TREASURY)
Subject: Re: Question re Flint

Not Responsive

On Nov 12, 2015, at 5:45 PM, Stanton, Terry A. (Treasury) <StantonT@michigan.gov> wrote:

Not Responsive

From: "Kaffer, Nancy" <nkaffer@freepress.com>
Date: November 12, 2015 at 5:38:18 PM EST
To: "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
Subject: Question re Flint

On March 25, former Treasurer Dillon had a call with Dennis Muchmore about Flint water, and the next day met with Dan Wyant and Dayne Walling separately about Flint – I'm wondering what was discussed – specifically, if the report the former treasurer had had done about the cost effectiveness of switching to the Karegnondi Water Authority was discussed –or if there's any available documentation related to those calls or meetings?

Best,

Nancy

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, November 17, 2015 11:37 AM
To: Kaffer, Nancy
Subject: RE: Question re Flint

Nancy...

So sorry for the delay in responding. Dealing with some personal issues.

I am not aware of any documentation, etc., related to these calls/mtgs.

Terry

From: Kaffer, Nancy [mailto:nkaffer@freepress.com]
Sent: Thursday, November 12, 2015 5:38 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: Question re Flint

On March 25, former Treasurer Dillon had a call with Dennis Muchmore about Flint water, and the next day met with Dan Wyant and Dayne Walling separately about Flint – I'm wondering what was discussed – specifically, if the report the former treasurer had had done about the cost effectiveness of switching to the Karegnondi Water Authority was discussed –or if there's any available documentation related to those calls or meetings?

Best,

Nancy

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

From: Wurfel, Brad (DEQ)
Sent: Tuesday, November 17, 2015 12:55 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: request for comment on congressman's letter

1. The Governor's 10-point plan for Flint recognizes the need to address lead service lines. We agree with Congressman Kildee and intend to work with the City of Flint, utilizing MI's Revolving Loan Fund program. We appreciate Congressman Kildee getting clarification from EPA that this money can be used for lead service line replacement. In fact, we've been working with Sen. Ananich and other legislative leaders to get these funds available to perform lead service line replacement.

2. The Governor's action plan addresses lead education and lead exposure. We will continue working with the city to educate its citizens and we will be making our lead exposure data available and take actions necessary to minimize risk to Flint residents from lead.

3. We appreciate the partnership between the state and local government to address the switchover to Detroit water. The State of Michigan, with support from the Legislature, provided $6 million in an agreed-upon plan with the City to contribute half of the necessary funding. Of the $6 million local half, it is important to remember the Mott Foundation provided $4 million. We want to recognize and sustain the partnership.

4. We look forward to the congressman's continued leadership to deliver federal resources to this issue.

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 10:07 AM
To: Wyant, Dan (DEQ); Wurfel, Brad (DEQ)
Subject: FW: request for comment on congressman's letter

Calling to touch base on this.

Thanks,
SW

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, November 17, 2015 9:53 AM
To: Wurfels, Sara (GOV) <Wurfels@michigan.gov>
Subject: request for comment on congressman's letter

Hi Sara:
I've attached a copy of a letter Congressman Kildee sent to Gov. Snyder last week concerning Flint water issues.
I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

Ron Fonger

MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger [RFONGER1@mlive.com]
Sent: Tuesday, November 17, 2015 2:07 PM
To: Murray, David (GOV)
Subject: FW: request for comment on congressman's letter
Attachments: 111315 Update and Health Fund Request (Snyder).pdf

Dave: I didn't know if Sara was in today or tied up, but wanted to make sure your office had the chance to respond to the letter from Congressman Kildee.
I hadn't heard back from her and am planning to post a story within the next hour.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Ronald Fonger
Sent: Tuesday, November 17, 2015 9:54 AM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Subject: request for comment on congressman's letter

Hi Sara:
I've attached a copy of a letter Congressman Kildee sent to Gov. Snyder last week concerning Flint water issues.
I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

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MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
HOUSING AND INSURANCE

SUBCOMMITTEE ON
MONETARY POLICY AND TRADE

SENIOR WHIP

DEMOCRATIC POLICY AND
COMMUNICATIONS COMMITTEE

Congress of the United States
House of Representatives
Washington, DC 20515

WASHINGTON OFFICE

227 CANNON HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
(202) 225-3611
(202) 225-6393 (FAX)

DISTRICT OFFICE

111 EAST COURT STREET #3B
FLINT, MI 48502
(810) 238-8627
(810) 238-8658 (FAX)

WWW.DANKILDEE.HOUSE.GOV
/REPDANKILDEE
@REPDANKILDEE

November 13, 2015

Governor Rick Snyder
Executive Office of the Governor
P.O. Box 30013
Lansing, Michigan 48909

Governor Snyder:

I would like to provide you an update with some of the work we are doing in response to your letter on October 2, 2015 letter. I also have three requests of the state that are necessary to provide relief to the victims of the Flint water crisis.

First, Senator Stabenow, Senator Peters and I wrote a letter to the U.S. Environmental Protection Agency (EPA) asking for clarification on whether federal law permits states to use Safe Drinking Water State Revolving Funds (Revolving Funds) to finance the replacement of privately owned lead water service lines (attached). The EPA responded that the Revolving Funds can in fact be used for this purpose. My office immediately notified both your office and the Michigan Department of Environmental Quality of this fact.

Secondly, the three of us also wrote to Secretary Tom Vilsack requesting that the U.S. Department of Agriculture (USDA) provide greater clarification on the availability of "Ready to Feed" formula for recipients of Special Supplemental Nutrition Program for Women, Infants and Children (WIC) in Flint. Additionally, the letter asks to identify resources to improve the nutrition of Flint residents specifically as it relates to lead, because a certain diet can reduce some of the impact of exposure. The USDA is currently reviewing the letter.

Third, I have been working with the EPA on important revisions to the Lead and Copper Rule that would prevent a public health crisis like the one in Flint from happening again in other communities. I will be providing testimony at a meeting of the National Drinking Water Advisory Council next Wednesday, November 18 on what we have learned firsthand in Flint and the necessary improvements to the Lead and Copper Rule.

I will continue to pursue all of these avenues in order to find assistance for the people of Flint. There are, however, additional steps that need to be taken to remediate the damage done to the people of Flint due to the failures at the state government level, alongside the forgiveness of Flint's Revolving Funds loan debt if that becomes available. I urge state and local partners to work in coordination to fulfill the following requests.

- First, I request that the state of Michigan use its Revolving Funds and other state resources such as the rainy day and general funds to repair the damage done to Flint's water distribution system.

Due to the corrosive nature of the water, conservative estimates show there has been hundreds of millions of dollars of damage done to Flint's water distribution system. The damage to the system will increase maintenance costs resulting in higher rates for Flint water users, who already are burdened by the highest water rates in the state. Furthermore, the presence of over 15,000 lead service lines continues to threaten the quality of the water and creates the potential for future lead exposure through drinking water. As stated previously, the EPA has said that using the Revolving Funds for this purpose is allowed under federal law, and I request the state do so.

- Second, I request the state create a fund for ongoing assistance to the people of Flint to respond to the impacts of lead exposure.

The effects of lead are serious and permanent, with especially harmful impacts on young children and those with weakened immune systems. In discussions with health professionals, they have expressed the need for significant investments in the local health system in order to respond to the widespread exposure of lead to the people of Flint, including monitoring of future lead exposure. This fund should include support for, at a minimum, continuous health monitoring, early education programs, nutrition education, support services for children to succeed in school, and continued exposure prevention efforts. The investments we make now to combat the negative impacts of lead exposure will pay dividends in avoided costs in the future.

- Finally, I again ask that the state immediately reverse course and rescind Flint's obligation to provide $2 million for the cost of connecting to the Detroit water system and refund any money the city of Flint has had to pay.

Requiring a financially distressed city and its people to pay for the state's failures is an abdication of clear responsibility by the state. The state-appointed emergency manager was in charge of the city of Flint during the time that the decision to leave the Detroit system was made. The state – not Flint – created this water crisis, and the state needs to pay to fix it. The $2 million Flint spent to reconnect to the Detroit water system could be used for many other essential services in Flint, such as hiring policemen and firefighters, improving schools and maintaining parks.

In addition to state investments, I encourage the state to request assistance from federal agencies. They have extensive experience working with health, education and nutrition systems nationwide and could provide critical resources to state officials. Specifically, the Centers for Disease Control and Prevention has offered resources if the state requests it. I will work to support any efforts for federal assistance the state makes.

I look forward to working with the state and federal governments to not only provide clean drinking water to the people of Flint immediately, but also repair the damage done to the city's water system and give local health professionals the resources they need to combat the long term impacts of lead exposure.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

Cc:
Senate Republican Leader Arlen Meekhof
Senate Democratic Leader Jim Ananich
Speaker of the House Kevin Cotter
House Democratic Leader Tim Greimel

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 5:01 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV)
Subject: RE: request for comment on congressman's letter

Here's how am responding to Ron, FYI.

We look forward to continuing work with Congressman Kildee and other officials and stakeholders at the federal, state and local levels to bring ideas and resources to bear to ensure public health in Flint and clean, safe drinking water. And again, we have the multiple step action plan as well as the task force work underway.

From: Wurfel, Brad (DEQ)
Sent: Tuesday, November 17, 2015 12:55 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: request for comment on congressman's letter

1. The Governor's 10-point plan for Flint recognizes the need to address lead service lines. We agree with Congressman Kildee and intend to work with the City of Flint, utilizing MI's Revolving Loan Fund program. We appreciate Congressman Kildee getting clarification from EPA that this money can be used for lead service line replacement. In fact, we've been working with Sen. Ananich and other legislative leaders to get these funds available to perform lead service line replacement.

2. The Governor's action plan addresses lead education and lead exposure. We will continue working with the city to educate its citizens and we will be making our lead exposure data available and take actions necessary to minimize risk to Flint residents from lead.

3. We appreciate the partnership between the state and local government to address the switchover to Detroit water. The State of Michigan, with support from the Legislature, provided $6 million in an agreed-upon plan with the City to contribute half of the necessary funding. Of the $6 million local half, it is important to remember the Mott Foundation provided $4 million. We want to recognize and sustain the partnership.

4. We look forward to the congressman's continued leadership to deliver federal resources to this issue.

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 10:07 AM
To: Wyant, Dan (DEQ); Wurfel, Brad (DEQ)
Subject: FW: request for comment on congressman's letter

Calling to touch base on this.

Thanks,

SW

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, November 17, 2015 9:53 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: request for comment on congressman's letter

Hi Sara:
I've attached a copy of a letter Congressman Kildee sent to Gov. Snyder last week concerning Flint water issues.
I didn't know if there has been a formal reply and/or if you would want to comment on it.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Sara (GOV)
Sent: Tuesday, November 17, 2015 5:56 PM
To: 'Jacob Kanclerz'; Murray, David (GOV)
Subject: RE: Flint suit comments

Hi there Jacob –

Sure- and to be clear, we still haven't been served yet so can't comment on specific details.

What would say is that we're focused on moving forward and ensuring public health and clean, safe drinking water. The governor has outlined a detailed multiple step action plan for both immediate, mid and long term. He has also appointed a task force doing a very important job of reviewing all past actions. They are a bipartisan group of people of the highest integrity, experts in their fields and widely respected who are going to do a very thorough, objective review.

Just let me know if anything more needed at all. This is for comment on behalf of Governor and rest of our administration too.

Thanks and best,
SW

From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Tuesday, November 17, 2015 3:52 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Flint suit comments

Dave and Sara,

Good afternoon! Would you guys mind sending me your statement on the possible federal class action suit filed against the Governor and others regarding the Flint water situation in case we end up doing something with it? Thank you very much.

--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

From: Stanton, Terry A. (Treasury)
Sent: Thursday, November 19, 2015 2:38 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Sampson, Jeremy (TREASURY)
Cc: Heaton, Anna (GOV); Kennedy, Jordan (GOV)
Subject: FW: Flint water
Attachments: 271Q3209 Flint Water Supply Assessment Final Report 2-6-13.pdf

Importance: High

All—

Please see below from Egan. This is essentially the same "?" Nancy Kaffer asked of Jeremy a couple weeks back. Intend to say something along the lines of the following…please advise.

The Tucker-Young report offered an initial perspective on the situation, but as additional information was received and considered by the city, city officials determined that KWA offered the best long-term solution for Flint. As has been noted previously, all involved, the mayor and city council, believed the move to KWA was appropriate and supported the move.

As we have discussed previously, consideration of the development of a Flint-area/Genesee County water system had been on-going since the early 2000's and the City of Flint had been in discussions about joining a new system for much of that time.

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Thursday, November 19, 2015 1:09 PM
To: Stanton, Terry A. (Treasury) <StantonT@michigan.gov>
Subject: Flint water

Terry attached is the City of Flint Water Supply Assessment, a February 2013 study commissioned by the state treasurer and carried out by Tucker, Young, Jackson, Tull Inc.
Why did the state and city opt to split with DWSD and go with KWA when this study found it would be more costly to do so?

(From p. 17) "Based on the analysis, it is prudent to assume the KWA water supply option costs would be somewhere between the KWA-1 and KWA-2 options. Therefore, the analysis indicates that the two DWSD options of supplying 8 MGD on a maximum day and up to 8 MGD on average are the least cost options for Flint. These options allow Flint to maximize the use of existing assets; the City of Flint's (the Flint WTP) and DWSD's (the existing 72-inch main)."

Thanks, Paul Egan
Detroit Free Press
517-372-8660

STATE OF MICHIGAN CONTRACT NO. 271N3200089

CITY OF FLINT WATER SUPPLY ASSESSMENT

February 2013

For Submittal to:

State of Michigan, Department of Treasury

Submitted by:

TUCKER, YOUNG, JACKSON, TULL INC.

CONSULTING ENGINEERS-PLANNERS
615 Griswold Suite 600
Detroit, Michigan 48226
(313)963-0612 FAX (313)963-2156

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1. INTRODUCTION

Tucker, Young, Jackson, Tull, Inc. (TYJT), at the request of the State Treasurer performed an analysis of the water supply options being considered by the City of Flint. The City of Flint is presently supplied potable water from the Detroit Water and Sewerage Department (DWSD). This supply is from a single 72-inch water main that terminates at a master meter located at Potter and Baxter. Additionally, downstream of the DWSD master meter, Flint supplies its customer Genesee County. The City of Flint also operates a water treatment plant that uses the Flint River as its source of supply to provide back up and redundancy to the DWSD supply as required by MDEQ

The Karegnondi Water Authority (KWA) is planning on constructing a raw water supply system that could provide Lake Huron water to the Flint Water Treatment Plant. Flint's existing plant would be upgraded to treat the new raw water source.

The State Treasurer has appointed an emergency financial manager for the City of Flint. As such the Treasurer has requested TYJT to provide an analysis of the water supply options to assist the Treasurer in determining any potential risk and the best course going forward for supplying potable water to the City of Flint.

Report Organization

The following sections of this report are described below:

Section 2 – The basis of the analysis is described in this section. The options include the KWA option and several options offered by DWSD.

Section 3 – A significant amount of information and data was collected including memorandums, reports, drawings, financial reports, and other documents. This section summarizes the information used in the analysis.

Section 4 – This section describes the evaluation of the cost of supply for the Flint options. The costs are comprised of the initial cost of operations plus the annual rate of escalation/inflation.

Section 5 – The evaluation process used to analyze the construction costs associated with the KWA supply system is described in this section. Additionally, the cost of financing the capital requirements is described.

Section 6 – This section presents the financial review of the options considered to supply potable water to Flint. A summary of these options is also provided.

Section 7 – In addition to the financial analysis other considerations were identified that should be considered in understanding the risks and determining the best option to supply Flint. They include items related to cost, redundancy and reliability, and Flint's ability to control their future cost of water supply.

2. FLINT WATER SUPPLY OPTIONS

Two water purveyor options were evaluated; the KWA water supply system and continued supply from DWSD. Both suppliers would provide water from Lake Huron as the source. The KWA system is a raw water supply, which means that the water would have to be treated by Flint before distributing the potable water to its customers. The DWSD supply is potable or "finished" water and would not need additional treatment.

Additionally, an option for the Flint WTP to supply the City of Flint without being supplied from either DWSD or KWA was initially considered. The preliminary investigation evaluated the cost associated with the required improvements to the plant and to the Flint River dam system. Although it appeared that this was a viable option, Flint in a meeting on December 20, 2012 with the Treasury, stated that the City did not want to pursue the option and it is no longer being considered.

Karegnondi Water Authority (KWA) Lake Huron Water Supply

The KWA water supply system schematic is shown in Figure 2-1. The system is comprised of an intake in Lake Huron that supplies water to the Lake Huron Pump Station (LHPS). The LHPS lifts the water and pumps it through an approximately 22 mile long 60-inch pipeline. The pipeline terminates at a 5 MG reservoir and is then pumped from the Intermediate Pump Station (IPS) through approximately 26 miles of 60-inch and 18 miles of 30-inch pipeline to the existing Flint WTP. Downstream of the IPS, approximately half way to the Flint WTP, the 60-inch line would also supply a new Genesee County WTP.

The raw water transmission system has a 60 MGD capacity and is sized to deliver a maximum of 18 MGD to the Flint WTP with an average day supply of 12 MGD. Improvements at the Flint WTP would also be required to treat the lake water as the plant is currently designed to treat the Flint River water.

The term of the KWA contract for Flint is 40 years.

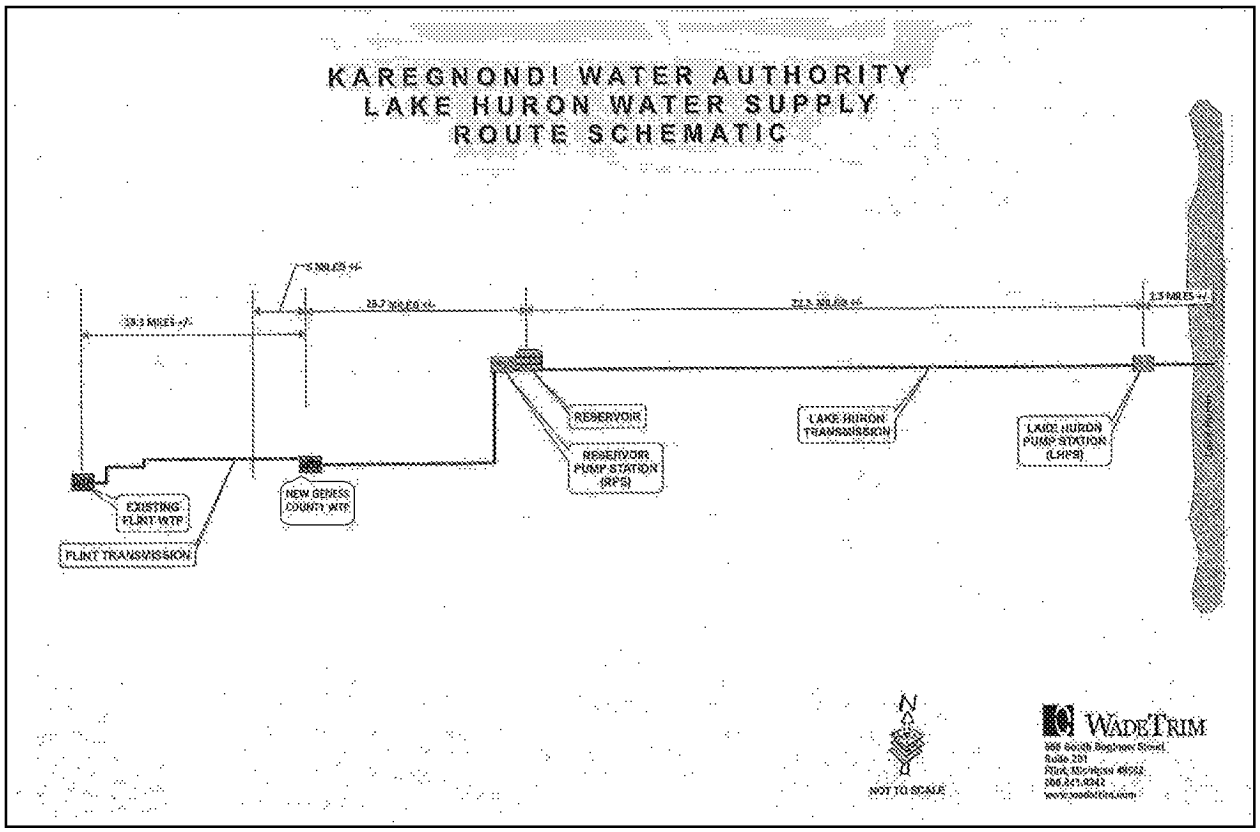

Figure 2-1: KWA Raw Water System

DWSD Water System

The DWSD system schematic is shown in Figure 2-2. Flint is currently supplied by DWSD at Master Meter FL-1, located at Potter and Baxter. Flint typically gets its water from the Lake Huron WTP, located in Fort Gratiot, Michigan; near the Lake Huron shoreline. Water is treated and pumped at the Lake Huron WTP and supplied through a 120-inch pipeline to an intermediate pump station called the Imlay Pump Station. The Imlay Pump Station has 20 MG of reservoir capacity. Depending on the time of year and the DWSD system demand, water is either bypassed directly to Flint or it is re-pumped at Imlay. It should be noted that the DWSD supply to Flint is part of a very large water system and during emergencies or outages water can be supplied from the south up to Flint in lieu of the Lake Huron facility.

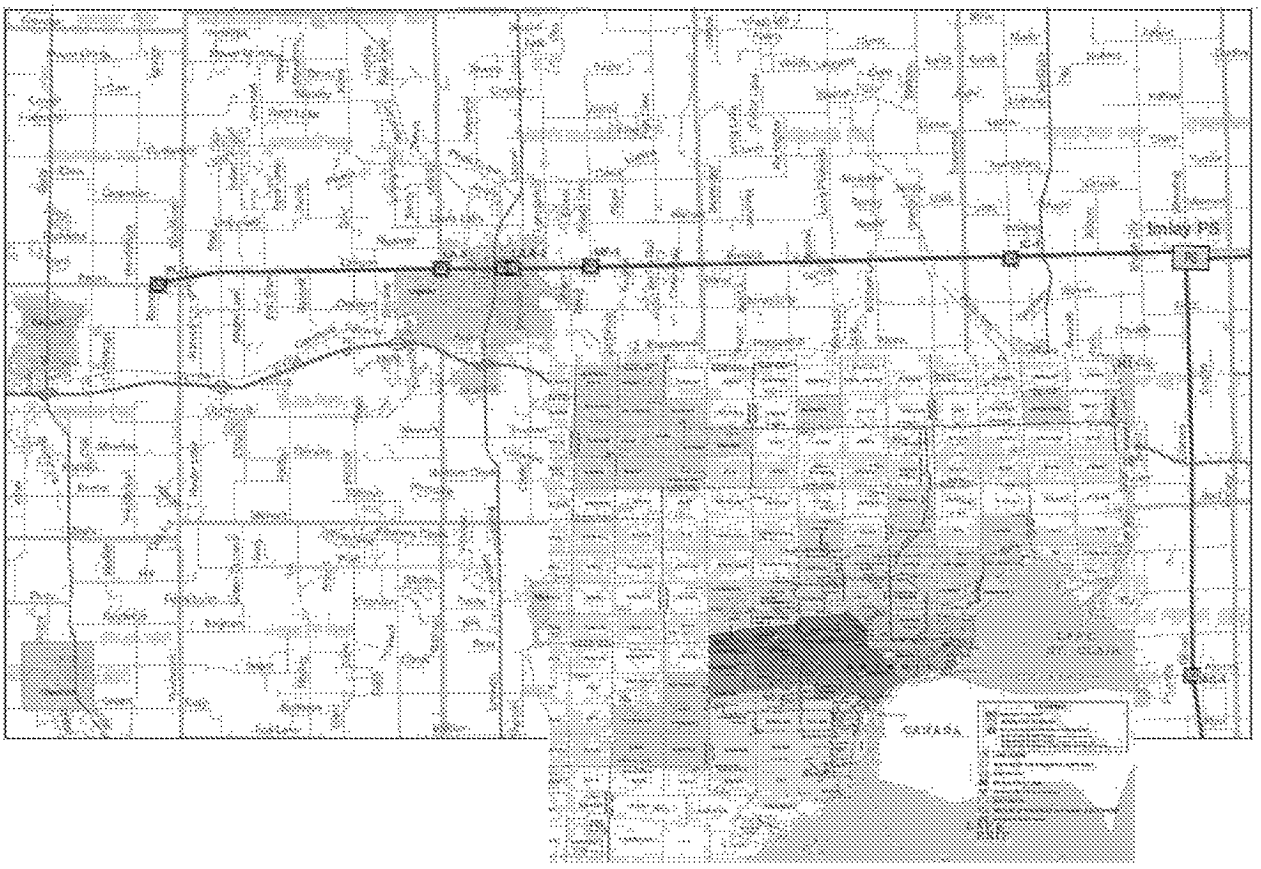

Figure 2-2: DWSD Water System

The pipeline from Imlay to FL-1 is a 72-inch pipeline. It has been estimated that the 72-inch line serving Flint has a capacity in excess of 90 MGD.

DWSD has presented several contractual options to Flint and all of them are based on Flint signing a new 30 year contract. The options shown in Table 2-1 are based on two different supply points; one at the current master meter location FL-1 at Potter and Baxter (P&B) and the other at the location of the Imlay Pump Station. The reason for the varying options is to provide a lower water rate at the Imlay Station, since the DWSD rate formula is based on distance and elevation factors related to the supply location.

The rates are also dependent on the maximum amount of water DWSD supplies. As example, if DWSD supplies a maximum day demand of 18 MGD that would equal the entire amount of water required by Flint.

For the options less than the maximum of 18 MGD means that the Flint WTP would supplement the difference by supplying water treated from the Flint River. These options are known as "blending" and would allow for Flint to blend two sources of water to supply its customers; the Flint River using the Flint WTP and Lake Huron from DWSD system.

Description	Average Day Demand
18 MGD Maximum Day Customer – FL-1	12 MGD
12 MGD Maximum Day Customer – FL-1	8 MGD
8 MGD Maximum Day Customer – FL-1	8 MGD
12 MGD Maximum Day Customer - Imlay	12 MGD
8 MGD Maximum Day Customer - Imlay	12 MGD

Table 2-1: DWSD Supply Options

3. DATA COLLECTION

During the course of the investigation several documents were used to perform the analysis. The names of the documents are listed below for reference.

KWA and Flint

- Preliminary Engineering Report, Lake Huron Water Supply Karegnondi Water Authority, September 2009;
- Analysis of the Flint River as a Permanent Water Supply for the City of Flint, July 2011;
- Cost Comparison, KWA vs. DWSD, Letter to Mr. Kurtz, October 31, 2012;
- Lake Huron Supply Study, KWA, Appendix 20, October 2012 Preliminary Report Update, Final Report (DRAFT), October 4, 2012;
- Articles of Incorporation of Karegnondi Water Authority, endorsed in 2010;
- Karegnondi Water Authority Bylaws, October 26, 2010;
- KWA Raw Water Supply Contract;
- Flint WTP Statement of Revenues and Expenditures 09' – 12';
- GCDC Division of Water and Waste Services Financial Statements 03' – 11'; and
- Assorted emails with further clarification of questions and documentation.

DWSD

- Historical Rates and Charges to Flint 04' – 13';
- Historical Rates and Charges to Flint with Hypothetical Model Contract 10' – 13';
- 2013 Rates and Charges for the following options:
  - 18 MGD Maximum Day Customer at FL-1;
  - 12 MGD Maximum Day Customer at FL-1 (Flint blending*);
  - 8 MGD Maximum Day Customer at FL-1 (Flint blending*);
  - 12 MGD Maximum Day Customer at Imlay (Flint blending*);
  - 8 MGD Maximum Day Customer at Imlay (Flint blending*); and
- Assorted emails with further clarification of questions and documentation.

* Flint blending based on DWSD supplying two-thirds and Flint one-third of 12 MGD average day demand.

Two meetings were also held; one with DWSD and one with Flint and Genesee County representing KWA. The meetings were held on November 19, 2012 and November 20, 2012, respectively. Minutes from these meetings are included in Appendix A.

4. COST OF SERVICE

Information provided by DWSD, Flint, and representatives of the KWA were used in the cost of service evaluation. To evaluate the annual escalation/inflation rate over the planning period, the rate adjustment for DWSD was estimated based on the recent rate adjustment history. For the KWA system both the estimated cost of operations when the system begins supplying water and the annual rate adjustment or inflation was evaluated. The existing cost of operations and escalation for the Flint WTP was based on actual costs provided and then adjusted depending on the scenario considered. This section describes the evaluation process and the rates used in the analysis.

DWSD Water Supply

The City of Flint has been a customer of DWSD since 1967. The Flint WTP has been maintained as a backup to the DWSD system. As indicated previously, several options were provided by DWSD depending on the type of service Flint was to select. The unit cost of water for each of these options is shown in Table 4-1. These rates are based on DWSD's FY13, which are current until July 2013.

Description	Average Day Demand (MGD)	Unit Rate ($/MG)
18 MGD Maximum Day Customer – FL-1	12	16.37
12 MGD Maximum Day Customer – FL-1	8	16.31
8 MGD Maximum Day Customer – FL-1	8	12.68
12 MGD Maximum Day Customer - Imlay	12	14.38
8 MGD Maximum Day Customer - Imlay	12	11.11

Table 4-1: Cost of DWSD Supply Options

To determine annual escalation rate, DWSD's last 10 years of history was used along with other large urban water systems in Michigan. The water systems used for benchmarking comparison were: Lansing, Grand Rapids, and Saginaw.

Table 4-2 identifies the annual and average rate of increase to Flint based on supplying water either to the current FL-1 at Potter and Baxter or Imlay. Note the last three years of the rates (FY 2011 through FY 2013) assumes that Flint's cost would be based on the new 30 year contract; FY 2011 being the first year that the new contract was available.

Fiscal Year	Average Unit Cost ($/MCF)	Annual Change (%)
2004	11.06	
2005	10.24	-7.4
2006	10.56	3.1
2007	11.09	5.0
2008	11.35	2.3
2009	13.07	15.2
2010	11.73	-10.3
2011	13.89	18.4
2012	15.08	8.6
2013	16.24	7.7
Average		2.4%

From FL-1

Fiscal Year	Average Unit Cost ($/MCF)	Annual Change (%)
2004	11.06	
2005	10.24	-7.4
2006	10.56	3.1
2007	11.09	5.0
2008	11.35	2.3
2009	13.07	15.2
2010	11.16	-14.6
2011	12.23	9.6
2012	13.28	8.6
2013	14.32	7.8
Average		2.9%

From Imlay

Table 4-2: Recent DWSD Water Rates

Audited financial reports were used to determine the rate of inflation associated with other three large municipal systems. The results are shown in Table 4-3.

Water Systems	Years Evaluated	Average Rate (%)
Lansing	05'-12'	4.6
Grand Rapids	04'-11'	1.6
Saginaw	04'-11'	7.0

Table 4-3: O&M Inflation Rates of Other Large Water Systems

Based on the information analyzed from DWSD and the other communities, it was determined that a fair annual rate of inflation for operations and maintenance cost for the analysis should be 4.4%. The 4.4% has historical significance from Flint's current water supplier and falls within the range of the other communities.

KWA Water Supply

The initial projected O&M cost for the KWA supply would be comprised of KWA's O&M costs as well as Flint's O&M costs. Because there was limited information provided, the initial estimated rate of $1.50/MCF was used. This rate is based on information from the cost comparison analysis attached to the letter to Mr. Kurtz, dated October 31, 2012.

The KWA cost evaluation used an annual O&M inflation rate of 5%. To validate this rate a similar analysis to DWSD's operations and maintenance annual rate of inflation was used. First, in discussions with Flint and the Genesee County Drain Commission (GCDC), they believed that the annual rate of inflation for the new KWA system would be similar to the GCDC Water & Waste Services (WWS). Additionally, two large transmission systems were used to benchmark the inflation rates: the Southeastern Oakland County Water Authority (SOCWA) and the Ypsilanti Utility Community Authority (YUCA). Although both of these systems transmit finished water opposed to raw water, they were considered similar enough for comparison as they are comprised of only large water mains, pumping facilities and storage.

Once again audited financial statements were used to calculate the inflation rates. A summary of the findings are shown in Table 4-4. Based on the fact that the information analyzed showed a large difference between the two systems, it was determined that the KWA assumption of 5% was a good rate of inflation to use in the financial analysis. This rate is almost equally between the GCDC rate and the other two transmission systems.

Systems	Years Evaluated	Average Rate (%)
GCDC WWS	03' – 11'	10.5
SOCWA	04'-12'	--
YUCA	04'-12'	0.7

Table 4-4: O&M Inflation Rates of Other Comparable Systems to KWA

Flint WTP

The Flint WTP currently serves as a backup supply to the DWSD service to Flint. To maintain backup operations, the City of Flint operates the plant approximately 20 days each year. Flint indicated that the average production rate when they operate is 11 MGD.

For the blending options and the KWA supply considered, Flint would be required to operate its plant all year around. Therefore, their operating and maintenance costs were evaluated and adjusted to determine an annual cost associated with year-round operations.

The Flint WTP provided three years of operating costs for the assessment. Additionally, reports listed in Section 3 were also used as reference to determine both operating costs for the plant processing Flint River water (blending options) and Lake Huron raw water (KWA option).

Major cost centers were analyzed to estimate annual operation and maintenance. They included: labor, utilities, chemicals and residual management. In general, as recommended by the Flint plant staff, labor and overhead were increased from the current costs by two-thirds. Additionally, variable costs for power, chemicals and residual cost were increased to estimate full time treatment at the Flint WTP. Data from the KWA Preliminary Report and annual operating data for the Flint WTP (provided separately) were analyzed to make these forecasts.

The annual operating and maintenance costs developed for Flint WTP used are shown in Table 4-5.

Source of Supply	Average Daily Production (MGD)	Estimated Annual O&M Cost
Flint River (Blending with DWSD)	4	$5,895,097
Lake Huron (Supplied by KWA)	12	$7,913,118

Table 4-5: FY 13 O&M Costs for Year-round Operations

It was determined that a fair annual rate of inflation for operations and maintenance cost for the Flint WTP plant should be 4.51%. The 4.51% is an average of Lansing, Grand Rapids and Saginaw facilities.

.

5. CAPITAL REQUIREMENTS

Large capital investments would be required by Flint and GCDC to construct the KWA supply system. Furthermore, some of the options presented by DWSD (supply point from Imlay) would require the purchase by Flint of DWSD's 72-inch water main. Performing the financial analysis; therefore, required an analysis of the KWA construction cost estimate for the transmission system and Flint WTP improvements.

Revenue bonds were also identified as the source of financing the new supply system and associated improvements. This section describes the assumptions made and the interest used for financing the improvements.

KWA Supply System

The most current cost estimate of the KWA system was presented in the document titled; Lake Huron Supply Study, KWA, Appendix 20, October 2012 Preliminary Report Update, Final Report (DRAFT), October 4, 2012. The cost of construction is estimated at $272,421,558. Flint's portion would be 30% or $81,726,467.

Due to the significance of this expenditure, a detailed review of the cost was performed and is presented in this section. The analysis was performed based on the main elements of the supply system: the lake intake, the two pumping stations, and the transmission pipeline. Additionally, an analysis was performed related to construction contingencies and other costs such as engineering, legal, and administration.

Lake Intake

KWA representatives indicated in a meeting in November that the design documents for the intake were at 90% and that it was planned for advertisement in January 2013. A summary of the estimate is shown in Table 5-1.

Description	Estimate
Intake and Crib	$22,076,850
ELAC at 25%	5,519,213
Property	2,300,000
Total	**$29,896,063**

Table 5-1: KWA Intake Cost Estimate

Based on the evaluation, it appeared that the cost estimate was reasonable. Given that the design was nearly complete, the engineering, legal, administration, and construction contingencies (ELAC) at 25% were also found to be appropriate.

Pumping Stations

KWA representatives indicated that the pump stations were estimated at a level of design less than 15%. Therefore, in addition to an evaluation of their cost estimate, other water pumping station costs were used for comparison. Additionally, contractors were also contacted for costs. Table 5-2 summarizes the KWA cost estimate compared to our cost estimate performed for the Treasury.

Description	KWA	Estimate	TVA	Estimate
Pumping Stations		$24,618,080		$54,573,314
Land for Intermediate Pump Station and Reservoir		--		75,000
Subtotal		$24,618,080		$54,648,314
ELAC for Construction	25%	6,154,520	30%	16,394,494
Total		**$30,772,600**		**$71,042,808**

Table 5-2: Pumping Stations Cost Estimate

Two things to note regarding the difference in the cost estimates; firstly, there is a large difference in the cost estimates of the pumping stations. The estimate developed for the Treasury used several other pumping stations construction costs from Southeastern Michigan and discussions with contractors. These costs were then computed on a $/MG's for comparison.

Secondly, our estimate for the Treasury is based on an ELAC of 30% instead of KWA's 25%. Although 25% was acceptable for the intake, it is believed to be too low for the pumping station estimate given that the engineering effort is less than 15%.

Transmission Main

Although the specific route for the transmission main was not provided, an estimate was calculated based on the general information provided. Once again, the KWA estimate was based on a level of design less than 15%. The estimate performed for the Treasury used the line items provided by KWA for the pipeline and also consulted with contractors to evaluate the cost of construction. The comparison is shown in Table 5-3.

Although the cost of construction of the pipeline is similar, a value of 30% was used for ELAC due to the level of design. Additionally, KWA did not believe there would be any additional costs for easements; however, this did not seem practical. Therefore an estimate for acquiring the easements was added to the Treasury estimate and is based on the 277 easements identified by KWA. The cost shown includes surveying, legal, engineering, administration, etc.

Description	KWA	Estimate	TYJT	Estimate
Transmission Mains		$166,202,316		$167,419,530
ELAC for Construction	25%	41,550,579	30%	50,225,859
Subtotal		$207,752,895		$217,645,389
Easements		--		1,166,170
Total		**$207,752,895**		**$218,811,559**

Table 5-3: Transmission Pipeline Cost Estimate

Other KWA Costs

In prior estimates of the construction cost, KWA used an ELAC of 37%. In this case it could be considered that the engineering effort associated with the design would have been included. However, it is believed that KWA's reduced ELAC of 25%, does not include the design effort. Additionally, it would be prudent to assume that the owner would want a construction manager during construction of this large project. A summary of these costs are shown in Table 5-4.

Description	Estimate
Design Engineering for Pumping Stations and the Transmission Pipeline	$16,939,581
Construction Management at 5%of Project Cost Estimate of $217,645,389	14,434,609
Administration	349,440
Legal, Easements, Contract Documents	831,000
Total	**$32,554,630**

Table 5-4: Other Costs

Summary Comparison

A summary of the two cost estimates are shown in Table 5-5. Based on the comparison, the estimate performed by TYJT shows a higher cost to Flint by approximately $25,000,000.

Note that there are two other costs shown in the summary that were not previously addressed; power and backup power. Regarding the cost of providing power to the pumping facilities, the cost of $4,000,000 appears reasonable.

The KWA has repeatedly indicated that backup power is not needed. Backup power is a standard practice in the water industry. Furthermore, a loss of power at either pumping facility will prevent the supply of water to both Flint and Genesee County. For these reasons, the cost of providing backup power was included in our estimate for the Treasury.

Description	KWA Estimate	TY/T Estimate
Intake/Crib	$ 27,596,063	$ 27,596,063
Pump Stations	30,772,600	71,042,808
Transmission Mains	207,752,895	217,645,389
Power	4,000,000	4,000,000
Redundant Power for PS		1,273,200
Land for Lake Huron Pumping Station	2,300,000	2,300,000
Design Engineering/PS and Transmission		16,939,581
Construction Management		14,434,410
Administration		349,440
Legal/Easement/Contract Documents		831,000
Easements		1,166,170
Total	**$ 272,421,558**	**$ 357,578,060**
Flint Share at 30%	**$81,726,467**	**$107,273,418**

Table 5-5: Total Cost Comparison

Flint WTP Improvements

The KWA analysis identified capital costs required to convert the existing WTP from river water treatment to treating lake water. The cost estimate was identified as $7,100,000 in the 2009 report. This number was used in the our analysis, since additional information was not provided. For the purpose of the financial analysis; however, the $7,100,000 was increased by 3% each year for three years to account for inflation.

DWSD Imlay Station Supply Options

The options identified by DWSD to supply service to Flint at the Imlay Pump Station would require Flint to purchase the 72-inch water main from Imlay to Master Meter, FL-1. The pipeline is approximately 25 miles long. The estimated cost provided by DWSD for estimating purposes is $4,700,000.

Financing

The cost of financing the revenue bonds for the capital work was investigated. Based on conversations with local financial advisors knowledgeable in bond financing, an interest rate of 5% for the 25 year

period was considered acceptable. This is based on a Standard and Poor's bond rating of A without insurance.

Additional costs associated with the bond include the reserve and bond issuance fee. The bond holders will require a reserve of approximately 10% of the loan to be held for the 25 year payment period. The cost associated with the bond issuance has been estimated at 2.25% of the principal borrowed for the KWA project and 3% for the smaller loan associated with the Flint WTP improvements or the purchase of the 72-inch main.

Furthermore, since no revenue will be generated to pay on the bonds for the first three years that the system is being constructed, the cost associated with capitalizing the interest was also included.

Finally, interest on the reserve will be provided back to KWA and Flint. Although the interest is currently less than 1%, it was determined that a 3% rate would be more prudent long-term.

6. FINDINGS

Using the information described in the previous sections, a cost evaluation was conducted for the KWA supply and the DWSD options. Individual worksheets for each option are provided in Appendix B. For the purpose of comparison a 30 year period was used. This period includes the 3 year construction period, the 25 loan period and an additional two years to get a sense of the cost of operation after the loans have been paid.

There were three separate cost sheets prepared for the KWA option. The first cost sheet (KWA) is based on the cost estimate provided by KWA. The costs provided assumed no overruns or delay in construction. With KWA's own assumptions of an overrun in construction of 15% and a one year delay in operations, the KWA estimated cost becomes $686,375,920 through Year 2042.

Since this cost estimate did not appear to include the financing of revenue bonds, another cost sheet (KWA-1) was developed that included KWA's cost estimate without overruns with the additional finance costs associated with the revenue bonds. A final cost sheet (KWA-2) includes the cost associated with the revenue bonds based on the estimate provided by TYJT for the Treasury.

A summary of the cost sheets provided in Appendix B are shown in Table 6-1. Figure 6-1 shows the cumulative annual costs associated with each option.

Option	Costs through 2042 ($)	Ranking by Cost
DWSD 8 MGD Maximum Day at Imlay Station	634,795,488	1
KWA *(10/31/12 No Overruns, As Provided)**	649,775,166	2
DWSD 8 MGD Maximum Day at FL-1	672,671,705	3
KWA-1 *(10/31/12 No Overruns with Cost of Financing)*	707,279,715	4
DWSD 12 MGD Maximum Day at Imlay Station	725,576,803	5
DWSD 12 MGD Maximum Day at FL-1	762,110,308	6
KWA-2 *(Treasury Estimate)*	766,784,313	7
DWSD 18 MGD Maximum Day at FL-1	821,226,268	8

* $686,375,920 with 15% overrun in construction and a one year delay in operations

Table 6-1: Total Cost of Options through 2042

Based on the analysis, it is prudent to assume the KWA water supply option costs would be somewhere between the KWA-1 and KWA-2 options. Therefore, the analysis indicates that the two DWSD options of supplying 8 MGD on a maximum day and up to 8 MGD on average are the least cost options for Flint. These options allow Flint to maximize the use of existing assets; the City of Flint's (the Flint WTP) and DWSD's (the existing 72-inch main).

Additionally, in recent conversations with the Treasury another option was discussed that could potentially be the most cost-effective solution. Currently the Flint WTP serves as a backup if service is

lost through either the DWSD or KWA pipeline. If the a twin pipe paralleling the DWSD 72-inch water main were constructed with interconnects with the 72-inch line, then the new water main could serve as the backup to Flint and the Flint WTP could be abandoned or potentially sold to Genesee County for their use.

The construction of the parallel pipeline would be considered in the DWSD capital expenditure as a Common to All (CTA) cost. This means that the capital cost of the pipeline would be shared by all DWSD customers and not just by Flint. Preliminary analysis of this option appears to be the most cost-effective of all the options discussed. However, a more thorough cost analysis is warranted and this approach would require an agreement between Flint and DWSD.

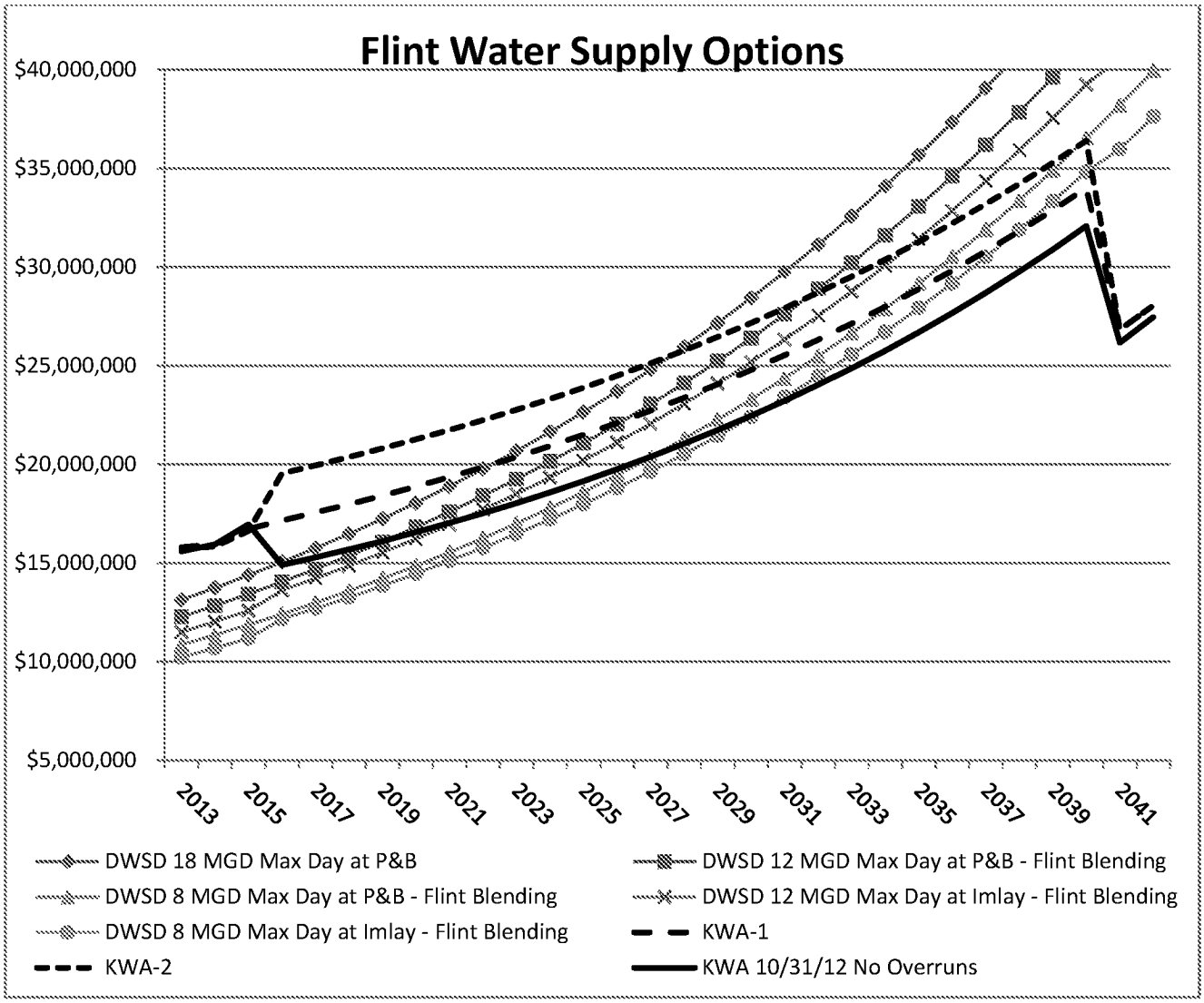

Figure 6-1: Flint Water Supply Options through 2042

7. OTHER CONSIDERATIONS

As part of the investigation other issues were identified that may result in risks to Flint that should be considered by the Treasury in determining how Flint's potable water should be supplied. These issues are related to redundancy and reliability, other items affecting cost, and Flint's desire to control its own destiny related to its water supply. These are described further below.

Redundancy/Reliability

In one of the first meetings related to this task assessment, which was held on November 1, 2012, the Genesee County Drain Commissioner, Mr. Jeff Wright, stated that one of the main reasons for pursuing the KWA supply option related to the lack of reliability of the DWSD system. He pointed to the Northeast blackout of 2003; a widespread power outage that occurred throughout parts of the Northeastern and Midwestern United States and Ontario, Canada, on Thursday, August 14, 2003. He stated that Flint and Genesee County were out of water for several days.

It is worth noting that this was a power outage of historic proportions that affected millions of Americans. However, DWSD did begin supplying water again relatively quickly in comparison to other major cities impacted by the same power outage.

Furthermore, the KWA supply system offers less redundancy to Flint than the current DWSD system. Under both options, Flint is supplied by a single pipeline; however, DWSD has backup power at all of its major facilities supplying Flint. The KWA system will not have a redundant power at its pumping facilities. This would be a major risk.

Currently, backup to the DWSD system for Flint is Flint's WTP using the Flint River as the source of supply. KWA has stated that the Flint River source would also be used as backup to Flint if the KWA supply through its pipeline was lost. However, since the Flint WTP would be upgraded to treat Lake Huron water under the KWA option, using the Flint River as a backup source would require the Flint WTP to maintain two process treatment streams.

In addition to Flint and Genesee County, the DWSD's 72-inch main supplies Imlay City, Mayfield and the Greater Lapeer County Utilities Authority (GLCUA). The volume of water contained within the 72-inch main is approximately 30 MG. Only supplying these three remaining communities would cause the water age to increase dramatically; somewhere in excess of three weeks old, before reaching the customers' master meters. Since the half-life of chlorine in the DWSD system is approximately 5 days, the chlorine would most probably be near zero requiring re-chlorination of the finished water upstream of the master meters.

Re-chlorinating is a costly and risky process due to the instability of chlorine gas. It is unknown whether DWSD would pursue this improvement or possibly abandoned the 72-inch pipeline.

If Flint is supplied by the KWA system, then DWSD supplying their other customers along the 72-inch water main may be reconsidered. Since the KWA system is a raw water supply, the communities would

either have to build a treatment facility to treat the water from KWA or find another water source for their communities.

Additional Cost and Risk Considerations

The design of the KWA supply and the construction of the system have not been completed; therefore, final costs and time to complete are unknown. Cost overruns and delays in completion will both negatively impact Flint's final cost. As example, if the project is not completed within the three year period, payment on the bonds will be due, but the revenue source needed from the sale of water could not be provided.

Furthermore, there is always a risk with large water system construction; especially those including an intake in the Great Lakes, pumping stations and rehabilitation of older water treatment plants. These risks include the potential of explosive gases in tunneling below Lake Huron, changing site conditions associated with the large number of miles of pipe installation and rehabilitating an older WTP, and the startup and debugging of the entire pumping system.

Flint has indicated that they have a high water loss. Not addressing this issue prior to sizing the Flint supply pipeline from KWA could cause the water main to be oversized along with its incremental cost in construction.

Also, the KWA supply option appears to run counter to the Treasury's Competitive Grant Assistance Program (Formerly EVIP Grant). This program has been put in place to allow for communities to consolidate their services and save money. Two existing customers of DWSD (Flint and Genesee County) along with the potential of others customers (GLCUA, Mayfield, Imlay City) separating to from another water system is in contradiction to the program.

Finally, there is a concern over the ability of smaller systems (KWA) over larger systems (DWSD) to pay for future unfunded mandates and regulations. Obviously, identifying regulation requirements over 30 years is hard to determine. However, it is widely accepted that a large system has greater ability to respond to unfunded mandates because the cost can be distributed over a large customer base.

Flint's Autonomy

Flint has indicated that a major point of consideration is that they have no control over the rate increases issued to Flint by DWSD. All other counties supplied by DWSD have representatives on the Board of Water Commissioners (BOWC). The BOWC is one of the governing bodies that approve the water rates. Since Flint and Genesee County do not have a representative on the BOWC, Flint believes they are held "hostage" to DWSD's rates and cost of service.

This issue was stated in Flint's handout at the November 1, 2012 meeting. The handout is titled, "Flint Water Supply Future." However, it is worth noting in the same handout, Flint also identifies similar concerns with the governing board of the KWA system. Notably, that although Flint and Genesee County will be the only customers and Flint will be responsible for 30 percent of the construction cost,

they will have a minority vote on the KWA board. Furthermore, there are other communities (Lapeer County, the City of Lapeer, and Sanilac County) that sit on the board and vote. However, they are not purchasing water nor contributing to the construction costs.

STATE OF MICHIGAN CONTRACT NO. 271N3200089

CITY OF FLINT WATER SUPPLY ASSESSMENT

State of Michigan, Department of Treasury

Appendix A: Meeting Minutes

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MEETING MINUTES

IN ATTENDANCE: Sue McCormick, DWSD Director
Darryl Latimer, DWSD Deputy Director
George Karmo, TYJT
Awni Qaqish, TYJT
Dave Guastella, TYJT

DATE: November 24, 2012

PURPOSE OF MEETING: Meeting with DWSD for the Indefinite-scope, Indefinite-delivery Contract Number 00383, 2012 Professional General Architectural/Engineering Services – City of Flint Water Supply Assessment

PREPARED BY: Dave Guastella

A meeting was held at the DWSD Main Office Building on November 19, 2012 to discuss the water supply options being presented by DWSD to the City of Flint. The main items discussed generally followed the attached DWSD Discussion/Questions that were provided to the Department prior to the meeting. A summary of the key points discussed are provided below.

DISCUSSION ITEMS

1. Question/Discussion Item: Verify that the four options presented at the November 1, 2012 meeting are still available for consideration:

    a. Supplied from Potter & Baxter using the new model contract (assume a Maximum Day Customer),

    b. Supplied from Imlay Station,

    c. Finished un-pumped supply from Lake Huron WTP, and

    d. Raw un-pumped supply from Lake Huron WTP.

    DWSD prefers to focus on the first two supply point listed; from the current location at Potter & Baxter and at the Imlay Pump Station as these apply specifically to Flint.

    DWSD provided the attached summary regarding the current costs to Flint based on the various options that DWSD is offering. The savings associated with each option is provided as well. As example, if Flint were to purchase water from the supply point located at Imlay Station, the current cost to Flint would be $5,661,000 and it would be a savings of nearly 50%

Comments: Meeting minutes were recorded based on the understanding of the author. Please contact the author within three days if you have any different understanding of the meeting. These minutes will be considered approved unless comments are provided within three days.

compared to Flint's current rate.

2. Question/Discussion Item: What additional capital improvements will be required for each option?

   If Imlay Pump Station is selected as the supply point then Flint would need to purchase the 72-inch water main and an agreement to supply Lapeer would need to be worked out. DWSD believes that this could be worked out through a "wheeling" charge over the 72-inch main or possibly moving the supply point downstream of the Lapeer connection.. DWSD estimates the value of the water main at $4.7M. Flint could bond for this amount or DWSD could include the cost into Flint's rate.

3. Question/Discussion Item: Are there other options being presented that should be considered (e.g., blending)?

   Only the two options indicated above are currently being considered and both would include blending; DWSD providing 2/3 of the supply and the Flint WTP providing the other 1/3.

4. Question/Discussion Item: To evaluate each option over the 25 year planning period, provide:

   a. Annual water rate for Flint for 2002 through 2012, and the

   b. Projected annual rate adjustment for each option. What are the proposed measures to keep the rate adjustments down in the future?

   DWSD provided the attached historical rates from 2002 through 2012 for the existing water contract with Flint. The attachment also includes what the rates would have been if Flint had signed the new model contract or had taken service from Imlay. These rates were provided back to 2010.

   DWSD believes that 5% would be a good estimation to assume for their annual escalation in rates over the 25 year planning period.

5. Question/Discussion Item: Flint stated a 10% increase in the capacity charge. What number did DWSD provide Flint?

   It was unclear to DWSD where the 10% increase in capacity charge stated by Flint came from. DWSD's information provided shows an average of 6.3%. DWSD offered a meeting with TYJT to discuss how the fixed and commodity charges are allocated.

6. Question/Discussion Item: Flint financial comparison is based on the initial Cost of $14,413,858, which includes $2,725,538 for Flint WTP operating cost; i.e, DWSD charge is $11,688,320. How good is this number?

   DWSD indicated that the charge of $11,638,320 is good through 6/30/13.based on their existing contract with DWSD.

7. Question/Discussion Item: KWA's initial charge to Flint is based on 12 MGD. Is DWSD charge

based on 12 MGD?

Yes, 12 MGD from DWSD would be a maximum with Flint supplying 6 MGD for a total of 18 MGD (2/3 vs. 1/3).

Comments: Meeting minutes were recorded based on the understanding of the author. Please contact the author within three days if you have any different understanding of the meeting. These minutes will be considered approved unless comments are provided within three days.

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Indefinite-scope, Indefinite-delivery Contract Number 00383
2012 Professional General Architectural/Engineering Services

CITY OF FLINT WATER SUPPLY ASSESSMENT

DWSD Discussion/Questions for the November 19, 2012 Meeting

1. Verify that the four options presented at the November 1, 2012 meeting are still available for consideration:
    c. Supplied from Potter & Baxter using the new model contract (assume a Maximum Day Customer),
    d. Supplied from Imlay Station,
    e. Finished un-pumped supply from Lake Huron WTP, and
    f. Raw un-pumped supply from Lake Huron WTP.
2. What additional capital improvements will be required for each option?
3. Are there other options being presented that should be considered (e.g., blending)?
4. To evaluate each option over the 25 year planning period, provide:
    g. Annual water rate for Flint for 2002 through 2012, and the
    h. Projected annual rate adjustment for each option. What are the proposed measures to keep the rate adjustments down in the future?
5. Flint stated a 10% increase in the capacity charge. What number did DWSD provide Flint?
6. Flint financial comparison is based on the initial Cost of $14,413,858, which includes $2,725,538 for Flint WTP operating cost, i.e DWSD charge is $11,688,320. How good is this number?
7. KWA's initial charge to Flint is based on 12 MGD. Is DWSD charge based on 12 MGD?

Comments: Meeting minutes were recorded based on the understanding of the author. Please contact the author within three days if you have any different understanding of the meeting. These minutes will be considered approved unless comments are provided within three days.

Summary of DWSD Cost Allocations to Flint Under Various Scenarios

Flint Only

	Revenue Requirement	Rates and Charges: Fixed	Rates and Charges: Commodity	Rates and Charges: Avg Unit Cost
1 **Status Quo**	11,461,700	357,271	12.46	19.91
2 **Model Contract**	9,732,100	275,517	11.16	16.90
3 Change	(1,729,600)	(81,754)	(1.30)	(3.00)
4 % Change	*-15.1%*	*-22.9%*	*-10.4%*	*-15.1%*
5 **Max Day Only**	9,424,700	271,010	10.72	16.37
6 Change	(307,400)	(4,507)	(0.44)	(0.53)
7 % Change	*-3.3%*	*-1.7%*	*-4.1%*	*-3.3%*
8 **Allow Blending**	6,302,800	182,369	10.72	16.42
9 Change	(3,121,900)	(88,641)	0.00	0.05
10 % Change	*-49.5%*	*-48.6%*	*0.0%*	*0.3%*
11 **Imlay City Connections**	5,800,700	170,912	9.77	15.11
12 Change	(502,100)	(11,457)	(0.95)	(1.31)
13 % Change	*-8.7%*	*-6.7%*	*-9.7%*	*-8.7%*
14 Cumulative Change	(5,661,000)	(186,359)	(2.69)	(4.80)
15 Cumulative %Change	*-49.4%*	*-52.2%*	*-21.6%*	*-24.1%*

	Assumptions: Avg Day	Max Day	Peak Hour	Distance	Elevation	Sales
	mgd	*mgd*	*mgd*	*miles*	*feet*	*mgd*
1 **Status Quo**	11.8	21.6	22.6	52.0	866	**11.8**
2 **Model Contract**	11.8	**17.9**	**18.8**	52.0	866	11.8
3 **Max Day Only**	11.8	17.9	**17.9**	52.0	866	11.8
4 **Allow Blending**	7.9	**11.9**	**11.9**	52.0	866	7.9
5 **Imlay City Connections**	7.9	11.9	11.9	**45.2**	**866**	7.9

Recent DWSD Water Rates to Flint

FY	Rates and Charges			Annual Change			*Average*
	Fixed	Commodity	Avg Unit Cost	Fixed	Commodity	Avg Unit Cost	*Annual Change*
	$/mo	*$/Mcf*	*$/Mcf*	*$/mo*	*$/Mcf*	*$/Mcf*	
As Charged							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		14.32	14.32			9.6%	
2011	182,301	14.29	16.01		-0.2%	11.8%	
2012	443,096	13.36	17.53	143.1%	-6.5%	9.5%	
2013	707,000	12.46	19.12	59.6%	-6.7%	9.1%	**6.3%**
Hypothetical Model Contract							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		***13.96***	***13.96***			6.8%	
2011	***145,918***	***13.74***	***15.28***		-1.6%	9.5%	
2012	***378,968***	***12.58***	***16.57***	159.7%	-8.4%	8.4%	
2013	***597,323***	***11.63***	***17.93***	57.6%	-7.6%	8.2%	**5.5%**

Recent DWSD Water Rates to Flint

	Rates and Charges			Annual Change			*Average*
FY	Fixed	Commodity	Avg Unit Cost	Fixed	Commodity	Avg Unit Cost	*Annual Change*
	$/mo	*$/Mcf*	*$/Mcf*	*$/mo*	*$/Mcf*	*$/Mcf*	
As Charged							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		14.32	14.32			9.6%	
2011	182,301	14.29	16.01		-0.2%	11.8%	
2012	443,096	13.36	17.53	143.1%	-6.5%	9.5%	
2013	707,000	12.46	19.12	59.6%	-6.7%	9.1%	**6.3%**
*Hypothetical Model Contract - **Flint Only***							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		***11.73***	***11.73***			-10.3%	
2011	***70,060***	***12.45***	***13.89***		6.1%	18.4%	
2012	***175,882***	***11.47***	***15.08***	151.0%	-7.9%	8.6%	
2013	***272,923***	***10.65***	***16.24***	55.2%	-7.1%	7.7%	**4.4%**

Recent DWSD Water Rates to Flint

FY	Rates and Charges			Annual Change			*Average*
	Fixed	Commodity	Avg Unit Cost	Fixed	Commodity	Avg Unit Cost	*Annual Change*
	$/mo	*$/Mcf*	*$/Mcf*	*$/mo*	*$/Mcf*	*$/Mcf*	
As Charged							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		14.32	14.32			9.6%	
2011	182,301	14.29	16.01		-0.2%	11.8%	
2012	443,096	13.36	17.53	143.1%	-6.5%	9.5%	
2013	707,000	12.46	19.12	59.6%	-6.7%	9.1%	**6.3%**
*Hypothetical Model Contract - **Flint Only @ Imlay***							
2004		11.06	11.06				
2005		10.24	10.24			-7.4%	
2006		10.56	10.56			3.1%	
2007		11.09	11.09			5.0%	
2008		11.35	11.35			2.3%	
2009		13.07	13.07			15.2%	
2010		***11.16***	***11.16***			-14.6%	
2011	***65,919***	***10.88***	***12.23***		-2.5%	9.6%	
2012	***165,275***	***9.89***	***13.28***	150.7%	-9.1%	8.6%	
2013	***255,580***	***9.09***	***14.32***	54.6%	-8.1%	7.8%	**2.9%**

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MEETING MINUTES

IN ATTENDANCE: Ed Kurtz; Flint Emergency Financial Manager, City of Flint
Dayne Walling; Mayor, City of Flint
Mike Brown, City of Flint
John O'Brien, Genesee County
Howard Croft, City of Flint
Dwayne "Duffy" Johnson, City of Flint
Brent Wright, City of Flint
Awni Qaqish, TYJT
Dave Guastella, TYJT

DATE: November 24, 2012

PURPOSE OF MEETING: Meeting with the City of Flint for the Indefinite-scope, Indefinite-delivery Contract Number 00383, 2012 Professional General Architectural/Engineering Services – City of Flint Water Supply Assessment

PREPARED BY: Dave Guastella

A meeting was held at the City of Flint Municipal Center on November 20, 2012 to discuss the water supply option being presented by the Karegnondi Water Authority (KWA) to the City of Flint. The main items discussed generally followed the attached KWA Discussion/Questions that were provided to City prior to the meeting. A summary of the key points discussed are provided below.

The questions submitted are repeated in the Discussion Items for easy reference. A summary of the action items generated from the meeting follow the Discussion Items.

DISCUSSION ITEMS

1. Question/Discussion Item: Is the maximum day demand of 18 MGD for Flint the maximum day demand (MDD) throughout the 25 year planning period? If not, what is the 25 year projected MDD?

   KWA would supply up to 18 MGD. 18 MGD has been assumed as the maximum day demand and 12 MGD is assumed as the average day demand throughout the 25 year planning period.

2. Question/Discussion Item: Copy of the intake contract documents and engineer's estimate.

   The intake contract documents are approximately 90% complete and are not available for distribution. However, the updated Appendix 20, dated October 4, 2012 includes the most recent cost estimate of the intake based on the current design in process.

Comments: Meeting minutes were recorded based on the understanding of the author. Please contact the author within three days if you have any different understanding of the meeting. These minutes will be considered approved unless comments are provided within three days.

3. Question/Discussion Item: Documentation of the Flint WTP improvements required and cost estimate.

   The costs are approximately $7M as presented in the September 2009 Preliminary Engineering Report. However, this estimate has been updated. Some processes have been eliminated. John O'Brien will provide the updated costs and the description of the planned improvements to the plant.

4. Question/Discussion Item: Confirm Flint's allocated percentage of the KWA capital improvements (30%?).

   Yes, the allocation is based on 18 MGD/60 MGD total capacity.

5. Question/Discussion Item: Copy of the proposed KWA operating agreement for Flint.

   John O'Brien will provide the operating agreement as well as the Capacity Contract and Articles of Incorporation.

6. Question/Discussion Item: What is the annual operating agreement adjustment projected for the 25 year planning period?

   This information is provided in Appendix 14, Table 14.2 of the September 2009 Preliminary Engineering Report. Operating cost based on Table 1. Used 12 MGD as average day demand (ADD). Assumed 5% as the annual increase in operating costs. John O'Brien indicated that these operating costs were based on Genesee County's operating costs. John O'Brien will provide the last 10 years of audited financial statements for the water fund.

   To assess operating and maintenance costs for the Flint WTP, Duffy will provide multiple years of financial statements for the water fund. Duffy did not believe they had 10 years, but they will provide what they have.

   Regarding operation and maintenance costs, Flint believes that these costs will increase by 2/3 of what they are now.

7. Question/Discussion Item: Need the route of the pipelines and the locations of the facilities proposed. Purpose is to identify constraints that impact costs (i.e., utilities, environmental (e.g. wetlands), easements, etc.).

   KWA will not release the route due to concerns regarding speculation of land and easements. John O'Brien did indicate that the Lake Huron pump station would be at Fisher and M-25. The intermediate pump station site is near a location of the Lapeer/Sanilac/St. Clair border; where all three meet.

8. Question/Discussion Item: KWA's initial charge to Flint is based on a 12 MGD average day demand. What is the basis of this number? Are there population projections and water use figures available that were used to determine the Flint demand for the 25 year planning period?

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This was answered in Question No. 1 above.

9. Question/Discussion Item: Is there a transition plan and cost during construction of the KWA system identified?

   Flint is looking for an agreement with DWSD for back-up supply from the 72-inch main at the Genesee border.

10. Question/Discussion Item: The October 4, 2012 Preliminary Engineering Report Update states: "no backup power is planned for the pumps" (LHPS) and "No backup power is planned for pumping" (IPS). In case of power loss, how would Flint supply its customers?

    Flint indicated that they have adequate storage to supply the system for 6 to 7 days. Flint has 55 MG of storage and Genesee County has 65 MG for 2.5 days.

11. Question/Discussion Item: The latest plan shows only a 5 million gallon ground reservoir is planned for balancing between LHPS and IPS. How is redundancy maintained?

    In cases of emergency, Flint indicated that the back-up for the KWA system will be the same as it is now with DWSD; they will use the Flint River as the source water. Flint currently operates their plant four times a year.

    When questioned as to whether the WTP will be able to treat both lake water from the KWA system and river water Flint indicated that once the improvements identified in the September 2009 Preliminary Engineering Report are completed they will be able to accomplish both treatment processes. Flint will provide a schematic of the treatment trains at the WTP and a copy of the Flint transmission system.

    Genesee County indicated that additional redundancy would also be provided from the new Genesee County WTP.

    Regarding hydraulic transients; Genesee County indicated that a model analysis has not been included, but capital costs for mitigating transients have been included.

12. Question/Discussion Item: Related to the construction cost:

    a. Does it include an additional traffic lane since the construction will occupy half the right of way? *Not required, all roads are county roads; however, there are a few State road crossings*.

    b. Does it include costs/fees for permit requirements such as inspection cost by the jurisdictional authorities? As a point of reference, the permit fee costs for the Flint Transmission System came out to be $5.8 million. *Not required; all of the counties have waived any fees.*

    c. Does the cost of the steel pipe segments include corrosion protection measures such as

anode stations and related O&M? *Yes; however, the KWA has not settled on using steel pipe. PCCP pipe may be used. Steel shown in estimate because it is highest in cost and therefore the pricing is conservative.*

d. SCADA monitoring stations require power. Is the cost of bring power to the SCADA stations included? Again, as a point of reference for the Flint Transmission System we estimated $800,000 for power to SCADA and valve operators. *Yes, Genesee County did emphasize that the SCADA system will be simple and straightforward because a lot of controls are not required.*

e. Other items discussed at the meeting included:

- The 2009 plant improvement cost is still good; however, there will be some reduction, such as a sulfuric chloride feed system that was eliminated. Plant capacity now is 36MGD, but will be 18 MGD.
- The KWA Lake Huron Pumping Station (LHPS) is now only high lift pump station.
- Genesee County will provide the distance of the intake pipe from the crib to the LHPS.
- The intake project is almost ready to bid; waiting for the COE permit.
- Genesee County is estimating the construction for the pipe lines and pump stations will begin July 2013.
- The route has been flown for survey.
- Genesee County is estimating construction will be complete and the project will be placed in service by Jan 2016.
- Genesee County to provide a list of assumptions that the $272 million cost estimate is based on since the route is now known.

13. The Flint River is identified as a backup: At what capacity? MDD or emergency supply?

    The Flint River would serve as a back up supply.

14. Where did the 40 years come from (Flint hostage to Detroit)? DWSD's new contracts are 30 years with openers to revise terms of supply (volume and pressure) after the first two years, then three years, and then in five year increments thereafter.

    The 40 years was stated in error. The reference was to DWSD's requirement to sign a 30 year contract.

    After 40 years Flint will own 30% of the project and can sell their share of ownership if they want. Conversely, with DWSD, they continue to pay for the capital projects but have no ownership. Flint believes they will know what they will be charged for the next 25 years versus DWSD that can't commit to a fixed escalation.

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Action Items for Follow-up		
Items:	***Assigned To:***	***Date to Complete***
1. Updated Costs for the Flint WTP Improvements and a description of the improvements.	John O'Brien	11/21/12
2. KWA Operating Agreement, Capacity Contract and Articles of Incorporation.	John O'Brien	11/20/12
3. Provide the last 10 years of audited financial statements for the Genesee water fund.	John O'Brien	11/20/12
4. Provide multiple years of financial statements for the City of Flint water fund.	Duffy Johnson	11/26/12
5. Provide schematic of the Flint WTP and a map of the Flint transmission system.	Brent Wright	11/26/12
6. Provide the length of the intake pipe from the crib to the pump station.	John O'Brien	11/20/12
7. Provide a list of assumptions that the $272 million cost estimate is based on since the route is now known.	John O'Brien	11/26/12

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JACKSON, TULL INC.
CONSULTING ENGINEERS-PLANNERS
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Indefinite-scope, Indefinite-delivery Contract Number 00383
2012 Professional General Architectural/Engineering Services

CITY OF FLINT WATER SUPPLY ASSESSMENT

KWA Discussion/Questions for the November 20, 2012 Meeting

1. Is the maximum day demand of 18 MGD for Flint the maximum day demand (MDD) throughout the 25 year planning period? If not, what is the 25 year projected MDD?
2. Copy of the intake contract documents and engineer's estimate.
3. Documentation of the Flint WTP improvements required and cost estimate.
4. Confirm Flint's allocated percentage of the KWA capital improvements (30%?).
5. Copy of the proposed KWA operating agreement for Flint.
6. What is the annual operating agreement adjustment projected for the 25 year planning period?
7. Need the route of the pipelines and the locations of the facilities proposed. Purpose is to identify constraints that impact costs (i.e., utilities, environmental (e.g. wetlands), easements, etc.).
8. KWA's initial charge to Flint is based on a 12 MGD maximum day demand. What is the basis of this number? Are there population projections and water use figures available that were used to determine the Flint demand for the 25 year planning period?
9. Is there a transition plan and cost during construction of the KWA system identified?
10. The October 4, 2012 Preliminary Engineering Report Update states: "no backup power is planned for the pumps" (LHPS) and "No backup power is planned for pumping" (IPS). In case of power loss, how would Flint supply its customers?
11. The latest plan shows only a 5 million gallon ground reservoir is planned for balancing between LHPS and IPS. How is redundancy maintained?
12. Related to the construction cost:
    a. Does it include an additional traffic lane since the construction will occupy half the right of way?
    b. Does it include costs/fees for permit requirements such as inspection cost by the jurisdictional authorities? As a point of reference, the permit fee costs for the Flint Transmission System came out to be $5.8 million.

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c. Does the cost of the steel pipe segments include corrosion protection measures such as anode stations and related O&M?
d. SCADA monitoring stations require power. Is the cost of bring power to the SCADA stations included? Again, as a point of reference the for the Flint Transmission System we estimated $800,000 for power to SCADA and valve operators.

13. The Flint River is identified as a backup: At what capacity? MDD or emergency supply?
14. Where did the 40 years come from (Flint hostage to Detroit)? DWSD's new contracts are 30 years with openers to revise terms of supply (volume and pressure) after the first two years, then three years, and then in five year increments thereafter.

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STATE OF MICHIGAN CONTRACT NO. 271N3200089

CITY OF FLINT WATER SUPPLY ASSESSMENT

State of Michigan, Department of Treasury

Appendix B: Cost Worksheets

DWSD Worksheet : 18 MGD Maximum Day Customer with Model Contract at Potter & Baxter

Capacity

Flint ADD:	0.60	MGD	81	MCF/Day
DWSD ADD:	12	MGD	1,604	MCF/Day

Annual Volume

Flint:	29,412	MCF
DWSD:	585,561	MCF

2013 Cost of Supply

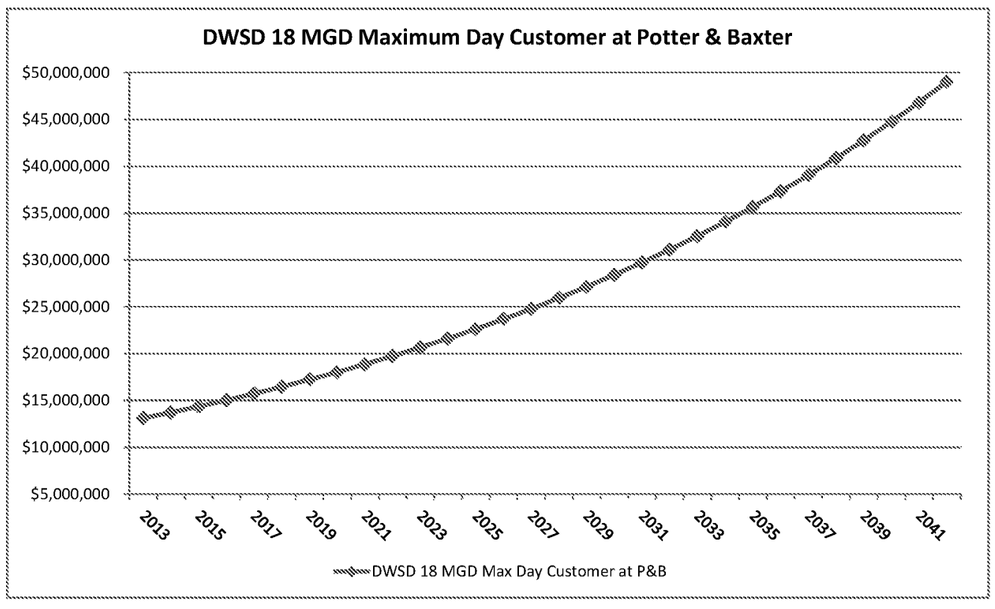
Flint WTP O&M:	120.30	/MCF	$ 3,538,214	/Yr
DWSD:	$ 16.37	/MCF	$ 9,585,642	/Yr

Escalation/Inflation Rate

Flint:	4.51% /Yr
DWSD:	4.7% /Yr

Capital Expenditure

Amount:	$ -			
Reserve:	$ -	0%	Reserve Rate:	0.00%
Amount plus Reserve:	$ -			
Revenue Bond Rate:	5%			
Number of Years:	25			
Annual Cost:	$0			



	Year	Flint WTP O&M	Water Purchase	Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	$ 3,538,214	9,585,642		-	**$ 13,123,856**
2	2014	$ 3,697,788	10,036,167		-	**$ 13,733,955**
3	2015	$ 3,864,558	10,507,867		-	**$ 14,372,425**
4	2016	$ 4,038,850	11,001,736	-	-	**$ 15,040,586**
5	2017	$ 4,221,002	11,518,818	-	-	**$ 15,739,820**
6	2018	$ 4,411,369	12,060,203	-	-	**$ 16,471,571**
7	2019	$ 4,610,322	12,627,032	-	-	**$ 17,237,354**
8	2020	$ 4,818,247	13,220,503	-	-	**$ 18,038,750**
9	2021	$ 5,035,550	13,841,866	-	-	**$ 18,877,416**
10	2022	$ 5,262,653	14,492,434	-	-	**$ 19,755,087**
11	2023	$ 5,499,999	15,173,578	-	-	**$ 20,673,577**
12	2024	$ 5,748,049	15,886,736	-	-	**$ 21,634,785**
13	2025	$ 6,007,286	16,633,413	-	-	**$ 22,640,699**
14	2026	$ 6,278,215	17,415,183	-	-	**$ 23,693,398**
15	2027	$ 6,561,362	18,233,697	-	-	**$ 24,795,059**
16	2028	$ 6,857,279	19,090,681	-	-	**$ 25,947,960**
17	2029	$ 7,166,543	19,987,943	-	-	**$ 27,154,486**
18	2030	$ 7,489,754	20,927,376	-	-	**$ 28,417,130**
19	2031	$ 7,827,542	21,910,963	-	-	**$ 29,738,505**
20	2032	$ 8,180,564	22,940,778	-	-	**$ 31,121,342**
21	2033	$ 8,549,507	24,018,995	-	-	**$ 32,568,502**
22	2034	$ 8,935,090	25,147,887	-	-	**$ 34,082,977**
23	2035	$ 9,338,063	26,329,838	-	-	**$ 35,667,901**
24	2036	$ 9,759,209	27,567,341	-	-	**$ 37,326,550**
25	2037	$ 10,199,350	28,863,006	-	-	**$ 39,062,355**
	2038	$ 10,659,340	30,219,567	-	-	**$ 40,878,907**
	2039	$ 11,140,076	31,639,886	-	-	**$ 42,779,963**
	2040	$ 11,642,494	33,126,961	-	-	**$ 44,769,455**
	2041	$ 12,167,570	34,683,928	-	-	**$ 46,851,499**
	2042	$ 12,716,328	36,314,073	-	-	**$ 49,030,401**
		$ 216,222,171				

25 Yrs Cummulative
$ 596,916,044

30 Yrs Cummulative
$ 821,226,268

DWSD Worksheet : 12 MGD Maximum Day Customer with Model Contract at Potter & Baxter/Blending with Flint

Capacity

Flint ADD:	4	MGD	535	MCF/Day
DWSD ADD:	8	MGD	1,070	MCF/Day

Annual Volume

Flint:	195,187	MCF	195187.1658
DWSD:	390,374	MCF	
			5895097.471

2013 Cost of Supply

Flint WTP O&M:	$	30.20	/MCF	$ 5,895,097	/Yr
DWSD:	$	16.31	/MCF	$ 6,367,005	/Yr

Escalation/Inflation Rate

Flint:	4.51%	/Yr
DWSD:	4.7%	/Yr

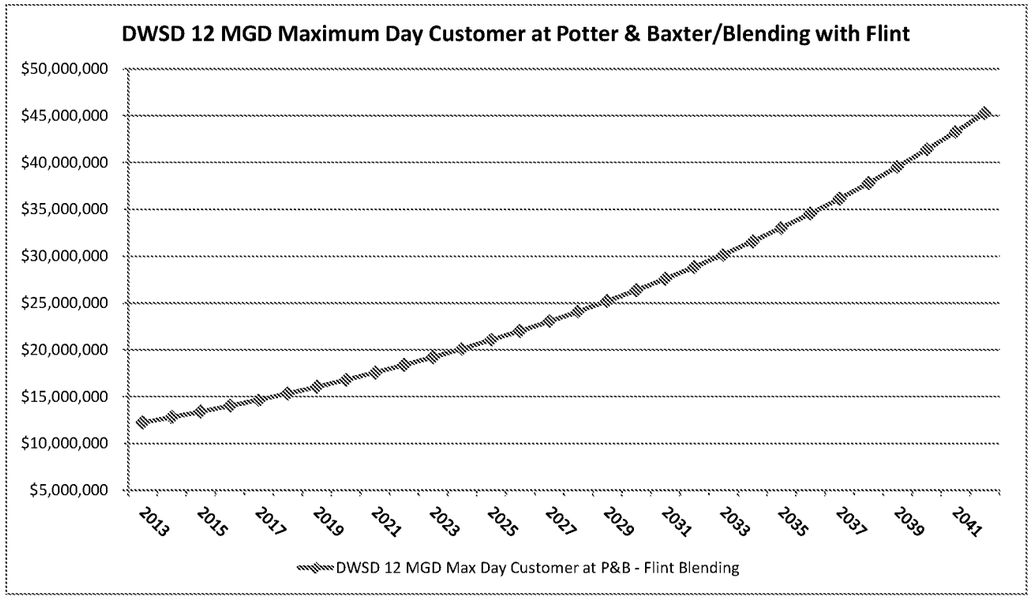
Capital Expenditure

Amount:	$ -			
Reserve:	$ -	0%	Reserve Rate:	0.00%
Amount plus Reserve:	$ -			
Revenue Bond Rate:	5%			
Number of Years:	25			
Annual Cost:	$0			

	Year	Flint WTP O&M	Water Purchase	Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	$ 5,895,097	6,367,005		-	**$ 12,262,103**
2	2014	$ 6,160,966	6,666,255		-	**$ 12,827,221**
3	2015	$ 6,438,826	6,979,569		-	**$ 13,418,395**
4	2016	$ 6,729,217	7,307,608	-	-	**$ 14,036,825**
5	2017	$ 7,032,705	7,651,066	-	-	**$ 14,683,771**
6	2018	$ 7,349,880	8,010,666	-	-	**$ 15,360,546**
7	2019	$ 7,681,359	8,387,167	-	-	**$ 16,068,527**
8	2020	$ 8,027,789	8,781,364	-	-	**$ 16,809,153**
9	2021	$ 8,389,842	9,194,088	-	-	**$ 17,583,930**
10	2022	$ 8,768,224	9,626,210	-	-	**$ 18,394,434**
11	2023	$ 9,163,671	10,078,642	-	-	**$ 19,242,313**
12	2024	$ 9,576,952	10,552,338	-	-	**$ 20,129,291**
13	2025	$ 10,008,873	11,048,298	-	-	**$ 21,057,171**
14	2026	$ 10,460,273	11,567,568	-	-	**$ 22,027,841**
15	2027	$ 10,932,031	12,111,244	-	-	**$ 23,043,275**
16	2028	$ 11,425,066	12,680,473	-	-	**$ 24,105,538**
17	2029	$ 11,940,336	13,276,455	-	-	**$ 25,216,791**
18	2030	$ 12,478,845	13,900,448	-	-	**$ 26,379,294**
19	2031	$ 13,041,641	14,553,769	-	-	**$ 27,595,410**
20	2032	$ 13,629,819	15,237,796	-	-	**$ 28,867,616**
21	2033	$ 14,244,524	15,953,973	-	-	**$ 30,198,497**
22	2034	$ 14,886,952	16,703,810	-	-	**$ 31,590,762**
23	2035	$ 15,558,354	17,488,889	-	-	**$ 33,047,242**
24	2036	$ 16,260,035	18,310,866	-	-	**$ 34,570,902**
25	2037	$ 16,993,363	19,171,477	-	-	**$ 36,164,840**
	2038	$ 17,759,764	20,072,537	-	-	**$ 37,832,300**
	2039	$ 18,560,729	21,015,946	-	-	**$ 39,576,675**
	2040	$ 19,397,818	22,003,695	-	-	**$ 41,401,513**
	2041	$ 20,272,660	23,037,869			**$ 43,310,528**
	2042	$ 21,186,956	24,120,649			**$ 45,307,605**

25 Yrs Cummulative
$ 554,681,686

30 Yrs Cummulative
$ 762,110,308



DWSD Worksheet : 8 MGD Maximum Day Customer with Model Contract at Potter & Baxter/Blending with Flint

Capacity

Flint ADD:	4	MGD	535	MCF/Day
DWSD ADD:	8	MGD	1,070	MCF/Day

Annual Volume

Flint:	195,187	MCF
DWSD:	390,374	MCF

2013 Cost of Supply

Flint WTP O&M:	$ 30.20	/MCF	$ 5,895,097	/Yr
DWSD:	$ 12.68	/MCF	$ 4,949,947	/Yr

Escalation/Inflation Rate

Flint:	4.51% /Yr
DWSD:	4.7% /Yr

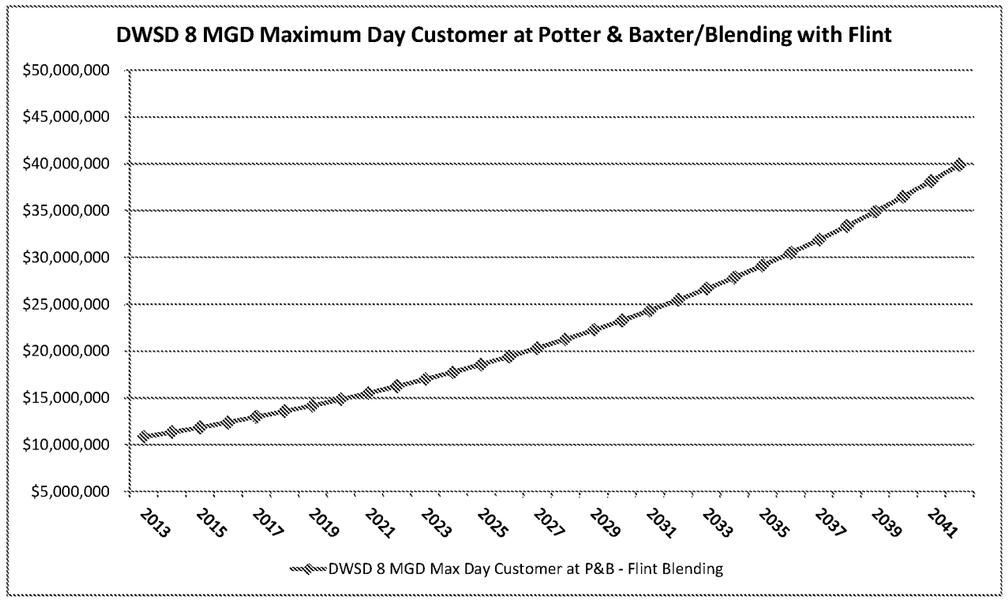
Capital Expenditure

Amount:	$ -			
Reserve:	$ -	0%	Reserve Rate:	0.00%
Amount plus Reserve:	$ -			
Revenue Bond Rate:	5%			
Number of Years:	25			
Annual Cost:	$0			

	Year	Flint WTP O&M	Water Purchase	Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	$ 5,895,097	4,949,947		-	**$ 10,845,044**
2	2014	$ 6,160,966	5,182,594		-	**$ 11,343,560**
3	2015	$ 6,438,826	5,426,176		-	**$ 11,865,002**
4	2016	$ 6,729,217	5,681,206	-	-	**$ 12,410,423**
5	2017	$ 7,032,705	5,948,223	-	-	**$ 12,980,928**
6	2018	$ 7,349,880	6,227,789	-	-	**$ 13,577,669**
7	2019	$ 7,681,359	6,520,495	-	-	**$ 14,201,855**
8	2020	$ 8,027,789	6,826,959	-	-	**$ 14,854,747**
9	2021	$ 8,389,842	7,147,826	-	-	**$ 15,537,668**
10	2022	$ 8,768,224	7,483,774	-	-	**$ 16,251,997**
11	2023	$ 9,163,671	7,835,511	-	-	**$ 16,999,182**
12	2024	$ 9,576,952	8,203,780	-	-	**$ 17,780,732**
13	2025	$ 10,008,873	8,589,358	-	-	**$ 18,598,230**
14	2026	$ 10,460,273	8,993,057	-	-	**$ 19,453,330**
15	2027	$ 10,932,031	9,415,731	-	-	**$ 20,347,762**
16	2028	$ 11,425,066	9,858,271	-	-	**$ 21,283,336**
17	2029	$ 11,940,336	10,321,609	-	-	**$ 22,261,945**
18	2030	$ 12,478,845	10,806,725	-	-	**$ 23,285,570**
19	2031	$ 13,041,641	11,314,641	-	-	**$ 24,356,282**
20	2032	$ 13,629,819	11,846,429	-	-	**$ 25,476,248**
21	2033	$ 14,244,524	12,403,211	-	-	**$ 26,647,735**
22	2034	$ 14,886,952	12,986,162	-	-	**$ 27,873,114**
23	2035	$ 15,558,354	13,596,512	-	-	**$ 29,154,866**
24	2036	$ 16,260,035	14,235,548	-	-	**$ 30,495,583**
25	2037	$ 16,993,363	14,904,619	-	-	**$ 31,897,982**
	2038	$ 17,759,764	15,605,136	-	-	**$ 33,364,899**
	2039	$ 18,560,729	16,338,577	-	-	**$ 34,899,306**
	2040	$ 19,397,818	17,106,490	-	-	**$ 36,504,308**
	2041	$ 20,272,660	17,910,495			**$ 38,183,155**
	2042	$ 21,186,956	18,752,288			**$ 39,939,245**

25 Yrs Cummulative
$ 489,780,792

30 Yrs Cummulative
$ 672,671,705



DWSD Worksheet : 12 MGD Maximum Day Customer with Model Contract at Imlay/Blending with Flint

Capacity

Flint ADD: 8 MGD 535 MCF/Day
DWSD ADD: 8 MGD 1,070 MCF/Day

Annual Volume

Flint: 195,187 MCF
DWSD: 390,374 MCF

2013 Cost of Supply

Flint WTP O&M: $ 30.20 /MCF $ 5,895,097 /Yr
DWSD: $ 14.38 /MCF $ 5,613,583 /Yr

Escalation/Inflation Rate

Flint: 4.51% /Yr
DWSD: 4.7% /Yr

Capital Expenditure

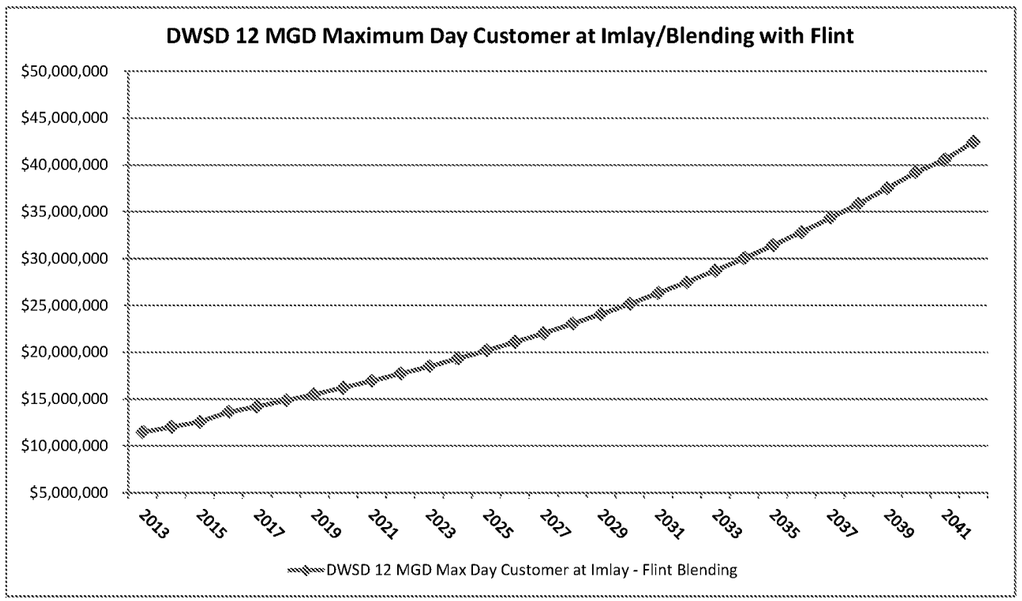
Capital: $ 4,700,000
Bond Issuance (3% of Total): 195,000 Check: 3.0%
3 Years of Capitalized Interest: 975,000 Check: 5.0% /Yr (Bond Interest on Total)
Reserve (10% of Total): 650,000 Check: 10.0%
Total: $ 6,520,000

Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$462,610
Interest on Reserve:	3%

	Year	Flint WTP O&M	Water Purchase	Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	$ 5,895,097	5,613,583		19,500	**$ 11,489,180**
2	2014	$ 6,160,966	5,877,421		19,500	**$ 12,018,888**
3	2015	$ 6,438,826	6,153,660		19,500	**$ 12,572,986**
4	2016	$ 6,729,217	6,442,882	462,610	19,500	**$ 13,615,209**
5	2017	$ 7,032,705	6,745,698	462,610	19,500	**$ 14,221,512**
6	2018	$ 7,349,880	7,062,745	462,610	19,500	**$ 14,855,735**
7	2019	$ 7,681,359	7,394,694	462,610	19,500	**$ 15,519,164**
8	2020	$ 8,027,789	7,742,245	462,610	19,500	**$ 16,213,144**
9	2021	$ 8,389,842	8,106,131	462,610	19,500	**$ 16,939,082**
10	2022	$ 8,768,224	8,487,119	462,610	19,500	**$ 17,698,452**
11	2023	$ 9,163,671	8,886,013	462,610	19,500	**$ 18,492,794**
12	2024	$ 9,576,952	9,303,656	462,610	19,500	**$ 19,323,718**
13	2025	$ 10,008,873	9,740,928	462,610	19,500	**$ 20,192,910**
14	2026	$ 10,460,273	10,198,751	462,610	19,500	**$ 21,102,134**
15	2027	$ 10,932,031	10,678,093	462,610	19,500	**$ 22,053,234**
16	2028	$ 11,425,066	11,179,963	462,610	19,500	**$ 23,048,139**
17	2029	$ 11,940,336	11,705,421	462,610	19,500	**$ 24,088,867**
18	2030	$ 12,478,845	12,255,576	462,610	19,500	**$ 25,177,531**
19	2031	$ 13,041,641	12,831,588	462,610	19,500	**$ 26,316,339**
20	2032	$ 13,629,819	13,434,673	462,610	19,500	**$ 27,507,602**
21	2033	$ 14,244,524	14,066,102	462,610	19,500	**$ 28,753,736**
22	2034	$ 14,886,952	14,727,209	462,610	19,500	**$ 30,057,271**
23	2035	$ 15,558,354	15,419,388	462,610	19,500	**$ 31,420,852**
24	2036	$ 16,260,035	16,144,099	462,610	19,500	**$ 32,847,245**
25	2037	$ 16,993,363	16,902,872	462,610	19,500	**$ 34,339,345**
	2038	$ 17,759,764	17,697,307	462,610	19,500	**$ 35,900,181**
	2039	$ 18,560,729	18,529,080	462,610	19,500	**$ 37,532,919**
	2040	$ 19,397,818	19,399,947	462,610	19,500	**$ 39,240,875**
	2041	$ 20,272,660	20,311,745			**$ 40,584,404**
	2042	$ 21,186,956	21,266,397			**$ 42,453,353**

25 Yrs Cummulative
$ 529,865,071

30 Yrs Cummulative
$ 725,576,803



DWSD Worksheet : 8 MGD Maximum Day Customer with Model Contract at Imlay/Blending with Flint

Capacity

Flint ADD:	4	MGD	535	MCF/Day	
DWSD ADD:	8	MGD	1,070	MCF/Day	

Annual Volume

Flint:	195,187	MCF
DWSD:	390,374	MCF

2013 Cost of Supply

Flint WTP O&M:	$ 30.20	/MCF	$ 5,895,097	/Yr	
DWSD:	$ 11.11	/MCF	$ 4,337,059	/Yr	

Escalation/Inflation Rate

Flint:	4.51%	/Yr
DWSD:	4.7%	/Yr

Capital Expenditure

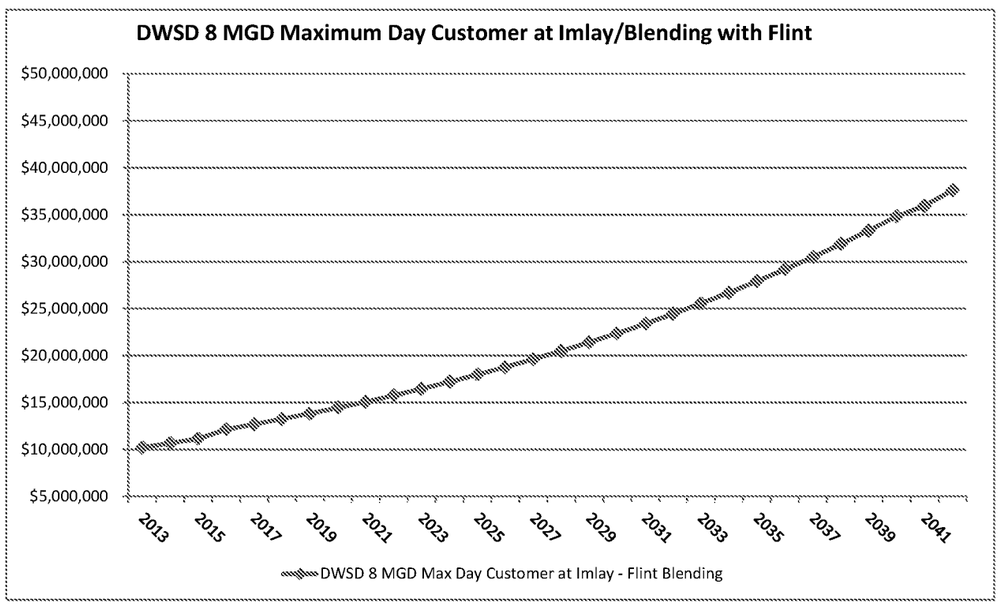
Capital:	$ 4,700,000			
Bond Issuance (3% of Total):	195,000	Check:	3.0%	
3 Years of Capitalized Interest:	975,000	Check:	5.0%	/Yr (Bond Interest on Total)
Reserve (10% of Total):	650,000	Check:	10.0%	
Total:	$ 6,520,000			

Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$462,610
Interest on Reserve:	3%

	Year	Flint WTP O&M	Water Purchase	Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	$ 5,895,097	4,337,059		19,500	**$ 10,212,656**
2	2014	$ 6,160,966	4,540,901		19,500	**$ 10,682,367**
3	2015	$ 6,438,826	4,754,323		19,500	**$ 11,173,649**
4	2016	$ 6,729,217	4,977,776	462,610	19,500	**$ 12,150,103**
5	2017	$ 7,032,705	5,211,732	462,610	19,500	**$ 12,687,546**
6	2018	$ 7,349,880	5,456,683	462,610	19,500	**$ 13,249,673**
7	2019	$ 7,681,359	5,713,147	462,610	19,500	**$ 13,837,616**
8	2020	$ 8,027,789	5,981,665	462,610	19,500	**$ 14,452,564**
9	2021	$ 8,389,842	6,262,803	462,610	19,500	**$ 15,095,755**
10	2022	$ 8,768,224	6,557,155	462,610	19,500	**$ 15,768,489**
11	2023	$ 9,163,671	6,865,341	462,610	19,500	**$ 16,472,122**
12	2024	$ 9,576,952	7,188,012	462,610	19,500	**$ 17,208,074**
13	2025	$ 10,008,873	7,525,849	462,610	19,500	**$ 17,977,832**
14	2026	$ 10,460,273	7,879,564	462,610	19,500	**$ 18,782,947**
15	2027	$ 10,932,031	8,249,903	462,610	19,500	**$ 19,625,044**
16	2028	$ 11,425,066	8,637,649	462,610	19,500	**$ 20,505,824**
17	2029	$ 11,940,336	9,043,618	462,610	19,500	**$ 21,427,064**
18	2030	$ 12,478,845	9,468,668	462,610	19,500	**$ 22,390,624**
19	2031	$ 13,041,641	9,913,696	462,610	19,500	**$ 23,398,447**
20	2032	$ 13,629,819	10,379,639	462,610	19,500	**$ 24,452,569**
21	2033	$ 14,244,524	10,867,482	462,610	19,500	**$ 25,555,117**
22	2034	$ 14,886,952	11,378,254	462,610	19,500	**$ 26,708,316**
23	2035	$ 15,558,354	11,913,032	462,610	19,500	**$ 27,914,496**
24	2036	$ 16,260,035	12,472,945	462,610	19,500	**$ 29,176,090**
25	2037	$ 16,993,363	13,059,173	462,610	19,500	**$ 30,495,646**
	2038	$ 17,759,764	13,672,954	462,610	19,500	**$ 31,875,828**
	2039	$ 18,560,729	14,315,583	462,610	19,500	**$ 33,319,422**
	2040	$ 19,397,818	14,988,415	462,610	19,500	**$ 34,829,343**
	2041	$ 20,272,660	15,692,871			**$ 35,965,530**
	2042	$ 21,186,956	16,430,436			**$ 37,617,392**

25 Yrs Cummulative
$ 493,063,801

30 Yrs Cummulative
$ 634,795,488

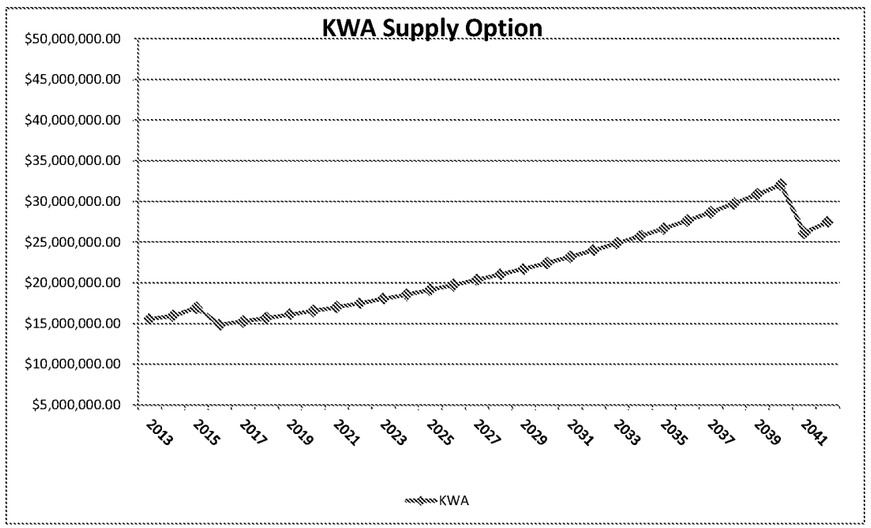


KWA Supply Option Worksheet

KWA 10/31/12 No Overruns

	Year	DWSD & Flint WTP Costs	KWA Entry Fee	KWA Debt service	Flint WTP Debt Service	KWA Operations	Flint WTP Operations with KWA	TOTAL
1	2013	$ 14,413,858	1,162,800					**$ 15,576,658**
2	2014	$ 15,355,135	581,400					**$ 15,936,535**
3	2015	$ 16,365,534	581,400					**$ 16,946,934**
4	2016			6,593,155	572,781	878,869	6,843,344	**$ 14,888,149**
5	2017			6,593,155	572,781	922,812	7,185,511	**$ 15,274,260**
6	2018			6,593,155	572,781	968,953	7,544,787	**$ 15,679,676**
7	2019			6,593,155	572,781	1,017,401	7,922,026	**$ 16,105,363**
8	2020			6,593,155	572,781	1,068,271	8,318,127	**$ 16,552,334**
9	2021			6,593,155	572,781	1,121,684	8,734,034	**$ 17,021,654**
10	2022			6,593,155	572,781	1,177,769	9,170,735	**$ 17,514,440**
11	2023			6,593,155	572,781	1,236,657	9,629,272	**$ 18,031,865**
12	2024			6,593,155	572,781	1,298,490	10,110,736	**$ 18,575,162**
13	2025			6,593,155	572,781	1,363,414	10,616,273	**$ 19,145,623**
14	2026			6,593,155	572,781	1,431,585	11,147,086	**$ 19,744,607**
15	2027			6,593,155	572,781	1,503,164	11,704,441	**$ 20,373,541**
16	2028			6,593,155	572,781	1,578,322	12,289,663	**$ 21,033,921**
17	2029			6,593,155	572,781	1,657,239	12,904,146	**$ 21,727,320**
18	2030			6,593,155	572,781	1,740,101	13,549,353	**$ 22,455,390**
19	2031			6,593,155	572,781	1,827,106	14,226,821	**$ 23,219,862**
20	2032			6,593,155	572,781	1,918,461	14,938,162	**$ 24,022,559**
21	2033			6,593,155	572,781	2,014,384	15,685,070	**$ 24,865,390**
22	2034			6,593,155	572,781	2,115,103	16,469,323	**$ 25,750,362**
23	2035			6,593,155	572,781	2,220,858	17,292,789	**$ 26,679,584**
24	2036			6,593,155	572,781	2,331,901	18,157,429	**$ 27,655,266**
25	2037			6,593,155	572,781	2,448,496	19,065,300	**$ 28,679,733**
	2038			6,593,155	572,781	2,570,921	20,018,565	**$ 29,755,422**
	2039			6,593,155	572,781	2,699,467	21,019,494	**$ 30,884,897**
	2040			6,593,155	572,781	2,834,440	22,070,468	**$ 32,070,845**
	2041					2,976,162	23,173,992	**$ 26,150,154**
	2042					3,124,970	24,332,691	**$ 27,457,662**

25 Yrs Cummulative	30 Yrs Cummulative
$ 503,456,186	$ 649,775,166



KWA Supply Option Worksheet

KWA-1

David Guastella:
Flint buys water from DWSD for three years during KWA construction at current rate (assume 5% increase each year)

David Guastella:
Highlighted portion is Flint's Entry Fee to KWA

Capacity

Flint ADD:	12	MGD	1,604	MCF/Day
KWA ADD:	12	MGD	1,604	MCF/Day

Annual Volume

Flint:	585,561	MCF
KWA:	585,561	MCF

2016 Cost of Supply

Flint WTP O&M:		13.51	/MCF	$ 7,913,118 /Yr
KWA:	$	1.50	/MCF	$ 878,869 /Yr

Escalation/Inflation Rate

Flint:	4.51% /Yr
KWA:	5.0% /Yr

Capital Expenditure

David Guastella:
Assumes Bond Issuance and Reserves are not included

Capital:	$ 272,421,558			
Bond Issuance (2.25% of Total):	8,440,000	Check:	2.25%	
3 Years of Capitalized Interest:	56,088,000	Check:	5.0%	/Yr (Bond Interest on Total)
Reserve (10% of Total):	37,500,000	Check:	10.0%	
Total:	$ 374,361,558			
Flint's Share (30%)	$ 112,308,467			

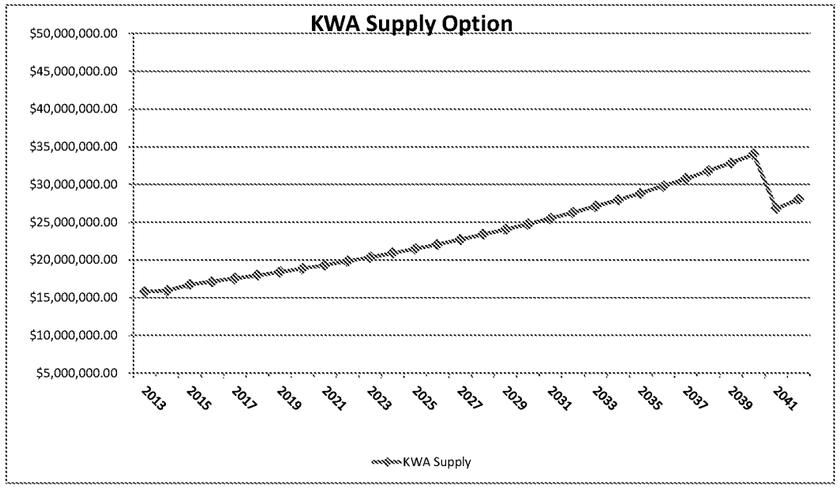
Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$7,968,562
Interest on Reserve:	3%

David Guastella:
Increased by 3%/Yr to 2012 $'s

Capital:	$ 7,758,362			
Bond Issuance (3% of Total):	240,000	Check:	2.25%	
3 Years of Capitalized Interest:	1,608,000	Check:	5.0%	/Yr (Bond Interest on Total)
Reserve (10% of Total):	1,070,000	Check:	10.0%	
Total:	$ 10,668,362			

Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$756,946
Interest on Reserve:	3%

	Year	Flint WTP O&M	Water Purchase	KWA Revenue Pre-bond Entry Fee & Bond Payment	Flint Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	***$ 3,538,214***	***11,461,700***	1,162,800		369,600	**$ 15,793,114**
2	2014	***$ 3,697,788***	***12,034,785***	581,400		369,600	**$ 15,944,373**
3	2015	***$ 3,864,558***	***12,636,524***	581,400		369,600	**$ 16,712,882**
4	2016	$ 7,913,118	878,869	7,968,562	756,946	369,600	**$ 17,147,896**
5	2017	$ 8,270,000	922,812	7,968,562	756,946	369,600	**$ 17,548,721**
6	2018	$ 8,642,977	968,953	7,968,562	756,946	369,600	**$ 17,967,838**
7	2019	$ 9,032,775	1,017,401	7,968,562	756,946	369,600	**$ 18,406,084**
8	2020	$ 9,440,153	1,068,271	7,968,562	756,946	369,600	**$ 18,864,332**
9	2021	$ 9,865,904	1,121,684	7,968,562	756,946	369,600	**$ 19,343,497**
10	2022	$ 10,310,857	1,177,769	7,968,562	756,946	369,600	**$ 19,844,533**
11	2023	$ 10,775,876	1,236,657	7,968,562	756,946	369,600	**$ 20,368,441**
12	2024	$ 11,261,868	1,298,490	7,968,562	756,946	369,600	**$ 20,916,266**
13	2025	$ 11,769,779	1,363,414	7,968,562	756,946	369,600	**$ 21,489,101**
14	2026	$ 12,300,596	1,431,585	7,968,562	756,946	369,600	**$ 22,088,089**
15	2027	$ 12,855,352	1,503,164	7,968,562	756,946	369,600	**$ 22,714,425**
16	2028	$ 13,435,129	1,578,322	7,968,562	756,946	369,600	**$ 23,369,359**
17	2029	$ 14,041,053	1,657,239	7,968,562	756,946	369,600	**$ 24,054,200**
18	2030	$ 14,674,305	1,740,101	7,968,562	756,946	369,600	**$ 24,770,313**
19	2031	$ 15,336,116	1,827,106	7,968,562	756,946	369,600	**$ 25,519,130**
20	2032	$ 16,027,775	1,918,461	7,968,562	756,946	369,600	**$ 26,302,144**
21	2033	$ 16,750,627	2,014,384	7,968,562	756,946	369,600	**$ 27,120,919**
22	2034	$ 17,506,080	2,115,103	7,968,562	756,946	369,600	**$ 27,977,092**
23	2035	$ 18,295,605	2,220,858	7,968,562	756,946	369,600	**$ 28,872,371**
24	2036	$ 19,120,737	2,331,901	7,968,562	756,946	369,600	**$ 29,808,546**
25	2037	$ 19,983,082	2,448,496	7,968,562	756,946	369,600	**$ 30,787,486**
	2038	$ 20,884,319	2,570,921	7,968,562	756,946	369,600	**$ 31,811,148**
	2039	$ 21,826,201	2,699,467	7,968,562	756,946	369,600	**$ 32,881,577**
	2040	$ 22,810,563	2,834,440	7,968,562	756,946	369,600	**$ 34,000,912**
	2041	$ 23,839,320	2,976,162				**$ 26,815,482**
	2042	$ 24,914,473	3,124,970				**$ 28,039,443**



25 Yrs Cummulative
$ 553,731,153

30 Yrs Cummulative
$ 707,279,715

KWA Supply Option Worksheet

KWA-2

Capacity

Flint ADD:	12	MGD	1,604	MCF/Day
KWA ADD:	12	MGD	1,604	MCF/Day

Annual Volume

Flint:	585,561	MCF
KWA:	585,561	MCF

2016 Cost of Supply

Flint WTP O&M:	$ 13.51	/MCF	$ 7,913,118	/Yr
KWA:	$ 1.50	/MCF	$ 878,869	/Yr

Escalation/Inflation Rate

Flint:	4.51% /Yr
KWA:	5.0% /Yr

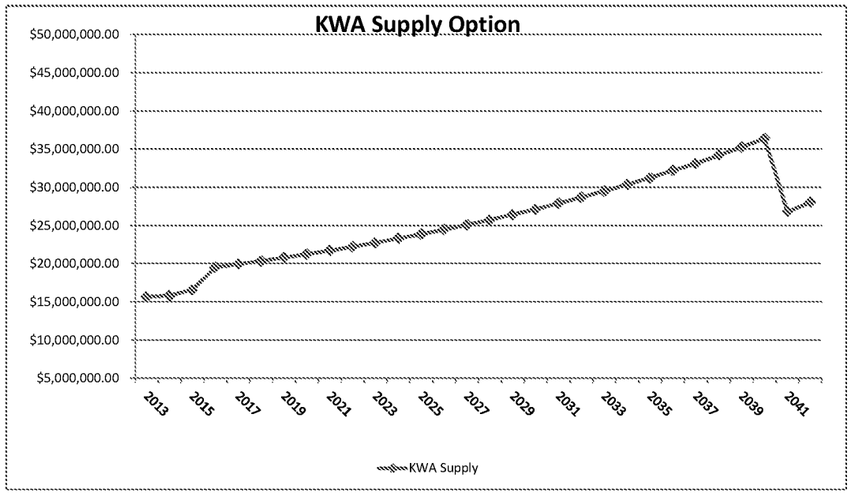
Capital Expenditure

Capital:	$ 357,578,060		
Bond Issuance (2.25% of Total):	11,650,000	Check:	2.25%
3 Years of Capitalized Interest:	78,000,000	Check:	5.0% /Yr (Bond Interest on Total)
Reserve (10% of Total):	49,000,000	Check:	10.0%
Total:	$ 491,628,060		
Flint's Share (30%)	$ 147,488,418		

Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$10,464,666
Interest on Reserve:	3%

Capital:	$ 7,758,362		
Bond Issuance (3% of Total):	240,000	Check:	2.25%
3 Years of Capitalized Interest:	1,600,000	Check:	5.0% /Yr (Bond Interest on Total)
Reserve (10% of Total):	1,070,000	Check:	10.0%
Total:	$ 10,668,362		

Revenue Bond Rate:	5%
Number of Years:	25
Annual Cost:	$756,946
Interest on Reserve:	3%



	Year	Flint WTP O&M	Water Purchase	KWA Revenue Pre-bond Entry Fee & Bond Payment	Flint Revenue Bond Payment	Interest on Reserve	TOTAL
1	2013	***$ 3,538,214***	***11,461,700***	1,162,800		473,100	**$ 15,689,614**
2	2014	***$ 3,697,788***	***12,034,785***	581,400		473,100	**$ 15,840,873**
3	2015	***$ 3,864,558***	***12,636,524***	581,400		473,100	**$ 16,609,382**
4	2016	$ 7,913,118	878,869	10,464,666	756,946	473,100	**$ 19,540,500**
5	2017	$ 8,270,000	922,812	10,464,666	756,946	473,100	**$ 19,941,325**
6	2018	$ 8,642,977	968,953	10,464,666	756,946	473,100	**$ 20,360,442**
7	2019	$ 9,032,775	1,017,401	10,464,666	756,946	473,100	**$ 20,798,688**
8	2020	$ 9,440,153	1,068,271	10,464,666	756,946	473,100	**$ 21,256,936**
9	2021	$ 9,865,904	1,121,684	10,464,666	756,946	473,100	**$ 21,736,101**
10	2022	$ 10,310,857	1,177,769	10,464,666	756,946	473,100	**$ 22,237,137**
11	2023	$ 10,775,876	1,236,657	10,464,666	756,946	473,100	**$ 22,761,045**
12	2024	$ 11,261,868	1,298,490	10,464,666	756,946	473,100	**$ 23,308,870**
13	2025	$ 11,769,779	1,363,414	10,464,666	756,946	473,100	**$ 23,881,705**
14	2026	$ 12,300,596	1,431,585	10,464,666	756,946	473,100	**$ 24,480,693**
15	2027	$ 12,855,352	1,503,164	10,464,666	756,946	473,100	**$ 25,107,029**
16	2028	$ 13,435,129	1,578,322	10,464,666	756,946	473,100	**$ 25,761,963**
17	2029	$ 14,041,053	1,657,239	10,464,666	756,946	473,100	**$ 26,446,804**
18	2030	$ 14,674,305	1,740,101	10,464,666	756,946	473,100	**$ 27,162,917**
19	2031	$ 15,336,116	1,827,106	10,464,666	756,946	473,100	**$ 27,911,733**
20	2032	$ 16,027,775	1,918,461	10,464,666	756,946	473,100	**$ 28,694,748**
21	2033	$ 16,750,627	2,014,384	10,464,666	756,946	473,100	**$ 29,513,523**
22	2034	$ 17,506,080	2,115,103	10,464,666	756,946	473,100	**$ 30,369,696**
23	2035	$ 18,295,605	2,220,858	10,464,666	756,946	473,100	**$ 31,264,975**
24	2036	$ 19,120,737	2,331,901	10,464,666	756,946	473,100	**$ 32,201,150**
25	2037	$ 19,983,082	2,448,496	10,464,666	756,946	473,100	**$ 33,180,090**
	2038	$ 20,884,319	2,570,921	10,464,666	756,946	473,100	**$ 34,203,752**
	2039	$ 21,826,201	2,699,467	10,464,666	756,946	473,100	**$ 35,274,181**
	2040	$ 22,810,563	2,834,440	10,464,666	756,946	473,100	**$ 36,393,516**
	2041	$ 23,839,320	2,976,162				**$ 26,815,482**
	2042	$ 24,914,473	3,124,970				**$ 28,039,443**

25 Yrs Cummulative

$ 606,057,940

30 Yrs Cummulative

$ 766,784,313

From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Flint EBL Data
Attachments: 2015-11-18 - Flint Lead FINAL.pdf; Flint EBL Data PR.docx; Flint Water Talking Points 111915 V3.docx

Good afternoon:

Attached, please find the blood lead level test results for Flint zip codes 48501-48507, as well as a corresponding press release and talking points. With your approval and edits, we are planning to notify external partners tomorrow at 9:30 a.m. then post the report on www.michigan.gov/flintwater and issue the press release at 10 a.m.

Please let us know if you have any questions or concerns.

Thanks and best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Summary as of October 30, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once.
- Since 10/1/2015, an additional 963 people have been tested in Flint.
- Continued testing efforts by Genessee County Health Department, MDHHS and local medical personnel have identified 18 children with blood lead levels greater than or equal to 5µg/dL since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.

Number of People Tested for Lead in Flint

Total number of people tested for lead from 1/1/2013 to 4/14/2014	4657
Total number of people tested for lead from 4/15/2014 to 9/30/2015	5017
Total number of people tested for lead since 10/1/2015:	**963**

Children Younger than 6 Years Old with Blood Lead Levels (BLL) ≥5µg/dL

Total number of children tested for lead from 1/1/2013 to 4/14/2014	3811
Number of child BLL test results ≥5µg/dL from 1/1/2013 to 4/14/2014	112
Total number of children tested for lead from 4/15/2014 to 9/30/2015:	4156
Number of child BLL test results ≥5µg/dL from 4/15/2014 to 9/30/2015:	181
Total number of children tested for lead since 10/1/2015:	**385**
Number of child BLL test results ≥5µg/dL since 10/1/2015:	**12**

Adults (18 Years or Older) with Blood Lead Levels (BLL) ≥5µg/dL

Total number of adults tested for lead from 1/1/2013 to 4/14/2014	170
Number of adult BLL test results ≥5µg/dL from 1/1/2013 to 4/14/2014	22
Total number of adults tested for lead from 4/15/2014 to 9/30/2015:	207
Number of adult BLL test results ≥5µg/dL from 4/15/2014 to 9/30/2015:	13
Total number of adults tested for lead since 10/1/2015:	**289**
Number of adult BLL test results ≥5µg/dL since 10/1/2015:	**6**

Children 6 to 17 Years Old with Blood Lead Levels (BLL) ≥5µg/dL

Total number of children tested for lead from 1/1/2013 to 4/14/2014	676
Number of child BLL test results ≥5µg/dL from 1/1/2013 to 4/14/2014	5
Total number of children tested for lead from 4/15/2014 to 9/30/2015:	654
Number of child BLL test results ≥5µg/dL from 4/15/2014 to 9/30/2015:	7
Total number of children tested for lead since 10/1/2015:	**289**
Number of child BLL test results ≥5µg/dL since 10/1/2015:	**6**

Blood Lead Levels in Flint Talking Points
November 18, 2015

Blood Lead Level Testing Results

- The Michigan Department of Health and Human Services is releasing a report regarding blood lead levels in Flint children and adults in zip codes 48501-48507.
- The purpose of the report is to inform residents about blood lead level testing efforts in Flint and provides cumulative total numbers.
- It is not intended to be a technical report but a technical description, and further analysis of the data in the report is underway.
- The data in the report include the total number of tests conducted and the total number of elevated blood lead levels ≥5µg/dL (micrograms per deciliter), broken down by date and age ranges.
    - Specifically, the current report breaks down the data by the 16 months prior to the switch in water source for Flint (January 1, 2013 through April 14, 2014), to the 17 months after the switch (April 15, 2014 through September 30, 2015), and after the lead exposure prevention campaign was initiated by the State in Flint October 1, 2015 to October 30, 2015. These numbers will continue to be updated.
    - The report also breaks down the number of tests and elevated blood lead levels by children younger than 6, children ages 6-17, and adults 18 years and older.
        - Lead exposure for children younger than 6 is of particular concern because they are more sensitive to the effects of lead and tend to absorb more than older children and adults.
- Data in the report includes both capillary and venous blood tests. People who have had multiple tests are counted only once.
- 963 people were tested in Flint between October 1, 2015, and October 30, 2015, 18 children 17 years of age or younger had elevated blood lead levels. Six adults over the age of 18 were identified with elevated blood lead levels during this time as well.
- With these testing results, MDHHS is working closely with the Genesee County Health Department to conduct case management to ensure that these families are receiving the follow up care they need - including additional blood testing and a home investigation to identify and help reduce the potential for additional lead exposure in their environment.
- In addition to this report, MDHHS has zip code level data available by quarter for 48503-48507 by request. Zip codes 48501-48502 do have some cases, but the numbers are too small to release by quarter.

Water Filters and Replacement Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters and replacement cartridges are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office:
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS has also posted an instructional video on the MDHHS YouTube channel to help residents properly install water filters, and to demonstrate how to replace the original filter when it expires.
    - https://www.youtube.com/watch?v=plsOvmH___0
- MDHHS currently serves approximately 25,000 households in Flint.

Background Information

- Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.

- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated blood levels in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF-certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)

    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- Use only cold filtered water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. The lead in household water usually comes from the service line that connects your house to the water main or the plumbing in your house, not from the local water supply.
- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both can be lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.

    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be kept shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead-free.
- Remove recalled toys and toy jewelry immediately from children.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

If possible, shower and change before returning home if your job requires you to work with or around lead. These jobs can include painting, plumbing, and some factory work.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source documenting unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household will be considered on an individual basis.
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From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:14 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: RE: Flint EBL Data
Attachments: Flint EBL Data Press Release.docx

Actual draft press release attached. The previous doc was mislabeled.

Thanks for the heads up Karen!

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
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Good afternoon:

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Thanks and best,

Jennifer Eisner
Public Information Officer
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Cell: PPI

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases new report outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – The Michigan Department of Health and Human Services today issued data regarding blood lead levels in Flint children and adults. The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"With the progress that we've made in testing and identifying those with elevated blood lead levels, the Department will continue to work closely with the Genesee County Health Department to reach these families and conduct case management to reduce their exposure to lead sources," said Dr. Eden Wells, chief medical executive with the MDHHS. "We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

Between October 1 and October 30 of this year, there were 963 people tested in Flint. Of those children tested, 18 children 17 years of age or younger had elevated blood lead levels. Six adults over the age of 18 were identified with elevated blood lead levels during this same timeframe.

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

Last month, MDHHS collaborated with the Genesee County Health Department and local partners to distribute educational resources and informational letter to Flint parents regarding lead testing. GCHD nursing staff are conducting direct outreach to families when an elevated blood lead level has been detected, serving as an important resources by addressing questions and concerns, providing information, and meeting them in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

From: Muchmore, Dennis (GOV)
Sent: Thursday, November 19, 2015 5:15 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Stanton, Terry A. (Treasury)
Subject: FW: Flint water

Egan is grilling Dillon. Andy doesn't want to return his call without one of you on the phone.

From: Andy Dillon [mailto: PPI]
Sent: Thursday, November 19, 2015 2:04 PM
To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Subject: Fwd: Flint water

I am not anxious to respond to him but my experience of ignoring him hasn't been very productive.

He is focused in on a relevant question.

Andy Dillon
Conway MacKenzie Inc.
401 S. Old Woodward Avenue, Suite 340, Birmingham, MI 48009
248.952.8868 (office) | PPI (cell) | 248.433.3143 (fax)
PPI

---------- Forwarded message ----------
From: **Egan, Paul** <pegan@freepress.com>
Date: Thu, Nov 19, 2015 at 1:48 PM
Subject: Flint water
To: "ADillon PPI " < PPI >

Hi Andy: Why did the state and city opt to go with KWA for Flint water supply when the study you commissioned from Tucker, Young, Jackson, Tull found that going with KWA would be more costly than staying with DWSD? (Here is excerpt from p. 17):

"Based on the analysis, it is prudent to assume the KWA water supply option costs would be somewhere between the KWA-1 and KWA-2 options. Therefore, the analysis indicates that the two DWSD options of supplying 8 MGD on a maximum day and up to 8 MGD on average are the least cost options for Flint. These options allow Flint to maximize the use of existing assets; the City of Flint's (the Flint WTP) and

DWSD's (the existing 72-inch main)."

How would you describe your role in the chain of decisions that led to Flint drawing its water supply from the Flint River?

The Flint City Council opted to go with the KWA on the evening of March 25, 2013. Your schedule shows you had a 5 p.m. phone conversation at 5 p.m. that day with Dennis Muchmore "regarding Flint Water Supply alternatives."

The next day, March 26, 2013, your schedule shows a 9 a.m. meeting at Treasury "regarding Flint water, a 1:30 p.m. phone call with Dan Wyant "regarding Flint/KWA," and a w p.m. meeting in Lansing with Flint Mayor Dayne Walling?

What do you recall about these conversations/meetings? Did Muchmore sign off on the switch to KWA on behalf of the governor?

Thanks, Paul Egan

Detroit Free Press

Cell PPI

From: Stanton, Terry A. (Treasury)
Sent: Thursday, November 19, 2015 5:39 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Fwd: Flint water

Feel free to call me on this tonight. Please see my earlier email.

Begin forwarded message:

> **From:** "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>
> **Date:** November 19, 2015 at 5:15:21 PM EST
> **To:** "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
> **Subject: FW: Flint water**
>
> Egan is grilling Dillon. Andy doesn't want to return his call without one of you on the phone.
>
> **From:** Andy Dillon [mailto PPI]
> **Sent:** Thursday, November 19, 2015 2:04 PM
> **To:** Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
> **Subject:** Fwd: Flint water
>
> I am not anxious to respond to him but my experience of ignoring him hasn't been very productive.
>
> He is focused in on a relevant question.
>
> **Andy Dillon**
> Conway MacKenzie Inc.
> 401 S. Old Woodward Avenue, Suite 340, Birmingham, MI 48009
> 248.952.8868 (office) | PPI cell) | 248.433.3143 (fax)
> adillon PPI
>
> ---------- Forwarded message ----------
> From: **Egan, Paul** <pegan@freepress.com>
> Date: Thu, Nov 19, 2015 at 1:48 PM
> Subject: Flint water
> To: "ADillon PPI <ADillon PPI >

Hi Andy: Why did the state and city opt to go with KWA for Flint water supply when the study you commissioned from Tucker, Young, Jackson, Tull found that going with KWA would be more costly than staying with DWSD? (Here is excerpt from p. 17):

"Based on the analysis, it is prudent to assume the KWA water supply option costs would be somewhere

between the KWA-1 and KWA-2 options. Therefore, the analysis indicates that the two DWSD options

of supplying 8 MGD on a maximum day and up to 8 MGD on average are the least cost options for Flint.

These options allow Flint to maximize the use of existing assets; the City of Flint's (the Flint WTP) and

DWSD's (the existing 72-inch main)."

How would you describe your role in the chain of decisions that led to Flint drawing its water supply from the Flint River?

The Flint City Council opted to go with the KWA on the evening of March 25, 2013. Your schedule shows you had a 5 p.m. phone conversation at 5 p.m. that day with Dennis Muchmore "regarding Flint Water Supply alternatives."

The next day, March 26, 2013, your schedule shows a 9 a.m. meeting at Treasury "regarding Flint water, a 1:30 p.m. phone call with Dan Wyant "regarding Flint/KWA," and a w p.m. meeting in Lansing with Flint Mayor Dayne Walling?

What do you recall about these conversations/meetings? Did Muchmore sign off on the switch to KWA on behalf of the governor?

Thanks, Paul Egan

Detroit Free Press

Cell PPI

From: Wurfel, Brad (DEQ)
Sent: Wednesday, December 02, 2015 3:28 PM
To: Ronald Fonger
Cc: Murray, David (GOV); Holland, Meegan (MDOS); Jason Lorenz (jlorenz@cityofflint.com)
Subject: RE: comment by professor marc edwards

Ron, you emailed me and Jason Lorenz a request for comment at 1:34 and posted your story at 1:41 today???
http://www.mlive.com/news/flint/index.ssf/2015/12/lead_levels_in_flints_water_st.html
b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, December 02, 2015 1:34 PM
To: 'jlorenz@cityofflint.com'; Wurfel, Brad (DEQ)
Subject: comment by professor marc edwards

I wanted to check with the city and the DEQ to see if either of you care to comment on remarks this morning by professor Marc Edwards.
Speaking at Hurley Medical Center, Edwards said Flint water is still not safe to drink without a filter based on samples collected as recently as 10 days ago.
He said he expects water to meet EPA thresholds for lead within a month.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, December 02, 2015 4:39 PM
To: Murray, David (GOV); Minicuci, Angela (DHHS); Lasher, Geralyn (DHHS)
Subject: RE: Can you call?
Attachments: Flint Blood Testing Report 1Dec15.pdf; Flint EBL Data Press Release V7.docx

Dave –

Attached please find the updated report and press release. Calling you now.

Best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 3:21 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: Can you call?

Hi guys,

Getting some pressure about an ETA. Do you have any idea?

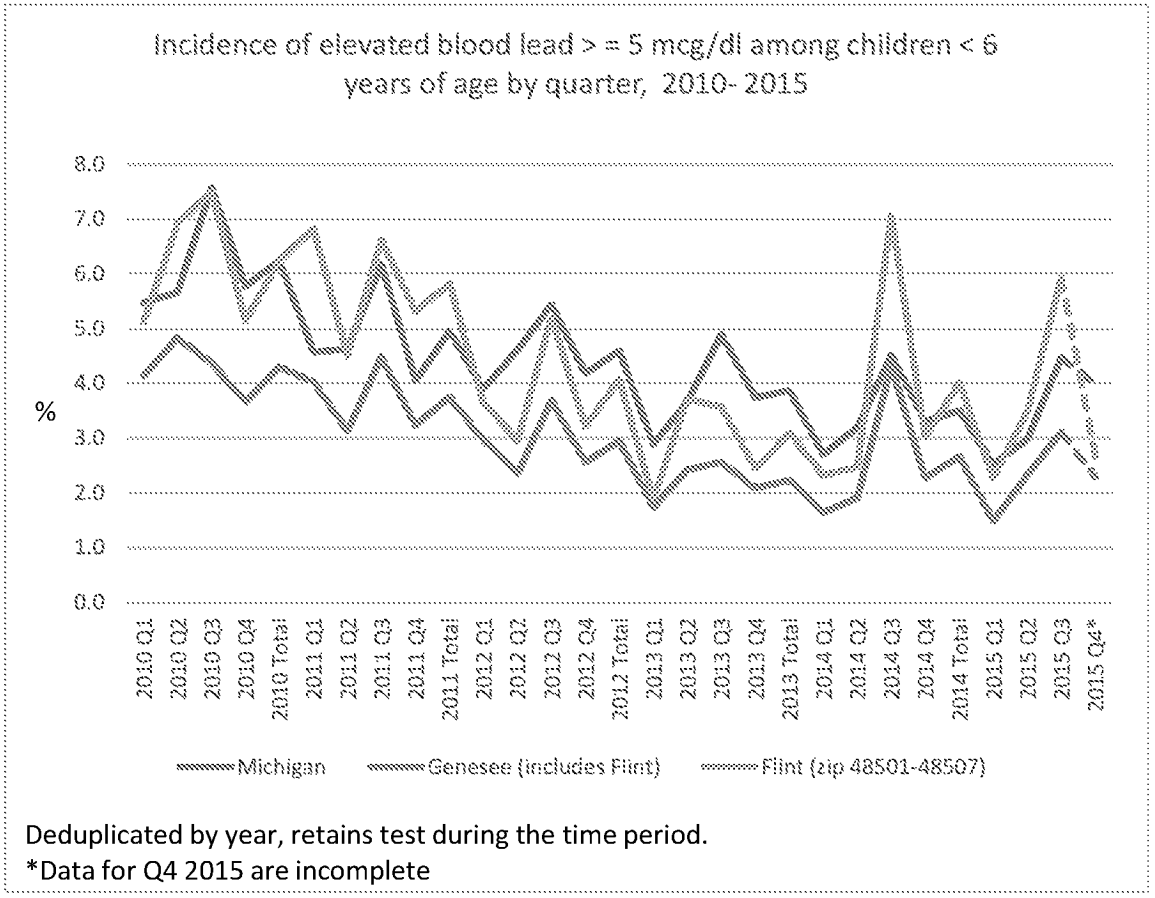
Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of November 13, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



Deduplicated by year, retains test during the time period.
*Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	120,699	5,778	2,704	10,841	1,197	765
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,200	149	101	309	10	8
Total tested for lead 10/1/2015 to 11/13/2015:	14,593	957	560	1,412	502	409
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	583	22	15	38	6	6

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	11,685	860	526	143,225	7,835	3,995
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,195	30	15	5,704	204	124
Total tested for lead 10/1/2015 to 11/13/2015:	1,615	483	392	17,620	1,942	1,361
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	160	11	9	781	44	30

** Data for Quarter 4 of 2015 are incomplete and subject to change*

STATE OF MICHIGAN

DEPARTMENT OF HEALTH AND HUMAN SERVICES

LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases recent data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – The Michigan Department of Health and Human Services today issued preliminary data regarding blood lead levels in Flint children and adults. The department's summary report shows that 30 of 1,361 adults and children tested in Flint since October 1 had elevated levels.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources. The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHSS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the county health department to reach these families. We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

Information was gathered from tests administered citywide to 1,361 children and adults since October 1. Twenty-one children age 17 or younger had elevated blood lead levels. Nine adults over the age 18 were identified with elevated blood lead levels.

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

When reviewing trend data for past years, the third quarter reflects the months during which the risk of lead exposure is highest (July through September). From the third quarter of 2010, there was a citywide elevated blood lead level in children less than six years of age of 8.3 percent, which decreased over the next three years to 4.1 percent in the third quarter of 2013. In the third quarter of 2014, citywide elevated blood lead levels in children less than six years of age increased to 7.5 percent, and 6.4 percent in 2015. At the end of the third quarter of 2015, increased testing activities began in the city of Flint.

- MORE -

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state provided supplemental funding to support GCHD nursing staff to conduct direct outreach to families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to identify lead exposures, address questions and concerns, provide filters and further information, and meet with families in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

From: Bedan, Morgan (GOV)
Sent: Wednesday, December 02, 2015 4:52 PM
To: Murray, David (GOV)
Subject: Re: Updated release from DHHS

Yes. Sorry

Sent from my iPhone

On Dec 2, 2015, at 4:48 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Morgan, this just arrived from DHHS on the Flint blood testing. Is it too late to include in the brieing?
> <Flint Blood Testing Report 1Dec15.pdf>
> <Flint EBL Data Press Release V7.docx>

From: Meegan Holland <PPI>
Sent: Wednesday, December 02, 2015 9:13 PM
To: Murray, David (GOV); Meegan Holland
Subject: Shared from Twitter: In Flint, lead contamination spurs fight for clean water | The Michigan Daily

In Flint, lead contamination spurs fight for clean water | The Michigan Daily

Just FYI

Meegan Holland
Please excuse typos - this was sent from my iPhone

From: Netto, Joseph <Joseph.Netto@turner.com>
Sent: Wednesday, December 16, 2015 10:15 AM
To: Murray, David (GOV)
Subject: RE: Flint water

So what are the repercussions of Mayor Weaver's call for a state of emergency? Is she even able to declare a state of emergency?

Did she have any footing to declare a state of emergency?

Joseph Netto
CNN News Editor
One CNN Center
Atlanta, GA 30303
(404) 827 1511

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, December 16, 2015 10:13 AM
To: Netto, Joseph
Subject: Flint water

Joe, nice speaking with you this morning. Let me know if you need more.

Dave

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the city to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets. Gov. Snyder in October created action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.
For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
Not Responsive mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Wednesday, December 16, 2015 4:05 PM
To: Wang, Yanan
Subject: Re: Another correction in the Flint water story.

The filtration plant.

Sent from my iPhone

On Dec 16, 2015, at 3:50 PM, Wang, Yanan <Yanan.Wang@washpost.com> wrote:

Hi David,

Yes, I'll make the correction, but can you first explain to me what you mean by the water "leaving Flint's drinking water system" if it is not the water coming out of the tap? Would like to make the distinction clear for readers.

Best,
Yanan

Sent from Outlook

From: Murray, David (GOV) <murrayd1@michigan.gov>
Sent: Wednesday, December 16, 2015 12:46 PM
Subject: Another correction in the Flint water story.
To: Wang, Yanan <yanan.wang@washpost.com>
Cc: Heaton, Anna (GOV) <heatona@michigan.gov>, Biehl, Laura (GOV) <biehll@michigan.gov>

Hello Yanan,

Please make one more correction. The misquote is causing us a great deal of problems today.

What you wrote: He added that while Flint $B!G (Bs water is currently safe to drink, $B!H (Bsome families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets. $B!I (B

What I said: The water leaving Flint $B!G (Bs drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

While it might seem like a small detail, it is TREMENDOUSLY important to include the part about the water leaving

Flint $B!G (Bs drinking water system. Flint $B!G (Bs water is not safe to drink for many residents at this point unless they have filters or are following the recommendations about letting the water run for several minutes before using.

Can you please make this correction quickly?

Thank you.

Dave Murray
Press Secretary $B(" (B Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI
PPI mobile Twitter:@michigandmurray

From: Roberto Acosta <RACOSTA1@mlive.com>
Sent: Sunday, January 03, 2016 7:41 PM
To: Murray, David (GOV)
Subject: RE: Will we get the opportunity to comment?

Dave,

Thank you for the comments.

I will add them to the story.

In the future I will do my best to reach out (even if it's on a weekend) if there are any stories I am working on regarding the governor's office.

Have a good evening,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:37 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Cc: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Roberto,

Flint residents deserve access to clean, safe water, and Gov. Snyder remains committed to working with Mayor Weaver to protect the health of Flint's children and the entire community, both immediately and into the future.

The state already has provided about $10 million in assistance, and the governor's action plan included increased testing in schools and of blood lead levels, distributing filters and other assistance. Recently, at the Governor's direction, leaders from the Michigan State Police Emergency Management and Homeland Security Division met with the mayor and Genesee County Commission chairman to help them determine the best possible pathway to additional state and federal resources.

We also are inviting every external scientist who has worked on this issue to be our partners in helping improve Flint water so we can arrive at accurate and mutually supported conclusions. We're committed to working together to protect Flint residents.

These are initial steps. The governor is meeting soon with Mayor Weaver to discuss other ways the state can offer assistance, and we expect to take further action once the independent Flint Water Task Force makes recommendations.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:10 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Dave,

Thank you for the response and I will keep an eye out for the statement,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:07 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: RE: Will we get the opportunity to comment?

Roberto, we've exchanged email before and my cell number, along with my email and Twitter account, are in the signature. I check all of them constantly.

I'll provide a statement shortly.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Hello Dave,

This is Roberto.

If there are comments you would like to share, I can add them to the story.

I don't believe I have a direct contact for you.

Thanks for getting in touch,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:00 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: Will we get the opportunity to comment?

Roberto and Bryn,

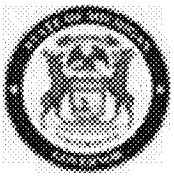
I read with dismay the story about Rep. Neeley's comments. It's seems highly unfair that we were never contacted to reply. Nor is there any mention of the work the governor has done to assist Flint with its challenges, from the $10 million in assistance to the action plan to the work of the Flint Water Task Force or even the recent response from the Office of Auditor General.

Do you have my contact information? I work hard to make sure I am accessible to the media, even on weekends and holidays.

Please let me know if there is an opportunity for us to provide balance to this story.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Thursday, December 17, 2015 10:45 AM
To: 'Arthur Delaney'
Subject: RE: Flint point person

Arthur, I was just sending you an email.

From your story:

The trouble started in 2014 when emergency managers appointed by Michigan Gov. Rick Snyder (R) decided to try saving money by switching Flint's water supply from the Detroit system to the Flint River.

Arthur, this is greatly inaccurate. The city and county governments have been working -- for years -- to create a new water authority so the Flint area would stop using water from Detroit. There was a 7-1 Flint City Council vote to make the switch to the new source in Lake Huron, which the emergency manager affirmed to support the local wishes.

The Flint River has always been a been the backup source. The original plan from the city was to use Detroit water or a mix of Detroit and Flint River water during construction of the new pipeline. There wasn't an arbitrary decision to "try saving money."

This column from the emergency manager at the time explains the decision behind the switch in great detail.

http://www.detroitnews.com/story/opinion/2015/10/26/opinion-flint-water-disaster/74657458/

Do you have the press release from the task force that includes the governor's response letter? I'll forward it to you.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Thursday, December 17, 2015 10:29 AM

To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint point person

Hi Dave, is Gov. Snyder going to appoint a "crisis responder" to oversee the Flint situation?

Am I missing something with Ananich's request for such? My sense is that he's trying to express dissatisfaction with the task force.

---------- Forwarded message ----------
From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
Date: Thu, Dec 17, 2015 at 10:19 AM
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground
To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE

Contact: Angela Wittrock

December 17, 2015

Phone: (517) 775-1430

Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground

LANSING, Mich. — Senate Minority Leader Jim Ananich (D–Flint) responded to today's release of Flint Water Task Force correspondence. He reiterated specific actions that would help organize efforts with the Flint water crisis, including bringing in a trained emergency management professional to coordinate assistance within the City of Flint.

"Political appointees and public relations people are what got us into this mess, and they aren't who we need leading us out of it," Sen. Ananich said. "Anything less than a professional trained in emergency management or public health will not suffice."

Sen. Ananich requested a crisis responder from the Michigan State Police, the Federal Emergency Management Agency or the Department of Homeland Security.

"Dashboards and nice words won't cut it — our community needs action and answers. While I appreciate that the task force seems to recognize it needs to recommend changes before they release their final report, the administration still doesn't seem to comprehend how devastating this crisis is and that it's far from over," Sen. Ananich said.

In addition to calling for more urgency, Sen. Ananich has pushed for stronger legislative oversight and hearings, and additional resources for those families suffering from lead overexposure.

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
…
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
C: [redacted]

Please sign up for our e-news at: Senatedems.com/Ananich
Facebook: jimananich | Twitter: @jimananich

--
Reporter | Huffington Post
(202) 624-9396 desk | [redacted] cell
Twitter @ArthurDelaneyHP

From: Murray, David (GOV)
Sent: Thursday, December 17, 2015 10:46 AM
To: 'Arthur Delaney'
Subject: FW: Letter Press release
Attachments: FWATF letter to Governor Snyder.pdf; 15.12.15 Flint Task Force Letter.pdf

Arthur, here is today's press release from the task force and the governor's response letter.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: chris@dewitt-communications.com [mailto:chris@dewitt-communications.com]
Sent: Thursday, December 17, 2015 9:46 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Letter Press release

December 17, 2015

Contact: Chris De Witt
517-881-4784

Flint Water Advisory Task Force Initial Recommendations

Lansing, MI--The Flint Water Advisory Task Force today released a letter recently sent to Governor Rick Snyder, and the Governor's response, regarding initial recommendations to address health protection challenges with the Flint water supply. Copies of the letters are attached.

"We felt it was imperative to make these initial recommendations to help address the water crisis in Flint instead of waiting until our final report is submitted," said FWATF Co-Chair Chris Kolb. "We appreciate the prompt acceptance of our request for action by the Governor and see it as a step forward."

"The Task Force has been holding a number of fact finding interviews with individuals and groups that have pertinent information about what happened in Flint," FWATF Co-Chair Ken Sikkema stated. "While the Task Force is far from done with our work, the initial review has presented a very disturbing situation that will require many actions to help those that have suffered. We saw no reason to wait until the final report to make

these initial recommendations. We also anticipate that we will made additional recommendations prior to the final report."

The FWATF letter included in part:

"One primary concern we have at this point is that the current efforts appear to be taking place in the absence of a larger project coordination framework that measures results and clearly delineates responsibilities for continuing actions to protect public health. We believe the state is best positioned to facilitate this larger framework, which should address the following:

1. The need for MDHHS and MDEQ—and, possibly, other state agencies--to set **goals** for actions in collaboration with local and federal agencies and organizations.
2. The need for a set of corresponding **timelines** for the goals.
3. The need to establish **responsibility** for meeting the goals in a timely fashion and for **contingency plans** for the state if the goals are not being met.
4. The need for clear, regular **communication** with the Flint community and stakeholder groups regarding action steps and updates.

We also believe it important that a single person or entity—potentially independent of any one particular state agency and mutually agreeable to this Task Force and you, Governor—be established to provide effective coordination of ongoing activities and reporting on the status of mitigation measures. For this, we also believe a readily understood "dashboard" should be developed that reports on the goals, timelines and assignments. This will enable members of the Flint community, public health providers, and state agencies to know about the status of the Flint water crisis mitigation program, as well as promote coordination and accountability. The Task Force is prepared to assist in the development of that dashboard."

The full FWATF report is expected to be completed in early 2016.

Members of the Task Force include:

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of

Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

The FWATF was formed by Governor Snyder to review actions regarding the Flint water system and offer recommendations both for Flint and Michigan to protect the health and safety of state residents.

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
PPI cell

December 7, 2015

Dear Governor Snyder:

On Wednesday, November 18, 2015, the Flint Water Advisory Task Force met with representatives of the Michigan Department of Environmental Quality (MDEQ) and the Michigan Department of Health and Human Services (MDHHS) to discuss elements of the 10-point Action Plan designed to address various issues related to the ongoing public health protection challenges precipitated by lead in the Flint water supply. These discussions were held at our request as part of our task to make recommendations to prevent a similar occurrence in Flint or elsewhere, and also to monitor ongoing mitigation efforts.

Subsequent to those meetings, on Tuesday, November 24, 2015, members of the Task Force participated in a conference call with yourself, members of the Administration, and representatives of these agencies to discuss the progress to date on the 10-point Action Plan, as well as several other related issues.

We want to acknowledge the steps that have already been taken to implement the action plan, specifically in the areas of outreach efforts to facilitate blood lead testing for children, communication with health care providers in the Flint community about the importance of testing children for lead, and the training of additional public health nurses in the Genesee County Health Department. We do believe, however, that additional steps need to be taken to reach additional children for blood lead testing, assure proper follow-up with children found to have elevated blood lead levels, and to continue water testing. We will continue to assess state and local efforts and make recommendations regarding specific steps that we believe are warranted.

One primary concern we have at this point is that the current efforts appear to be taking place in the absence of a larger project coordination framework that measures results and clearly delineates responsibilities for continuing actions to protect public health. We believe the state is best positioned to facilitate this larger framework, which should address the following:

1. The need for MDHHS and MDEQ—and, possibly, other state agencies--to set **goals** for actions in collaboration with local and federal agencies and organizations.
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well as promote coordination and accountability. The Task Force is prepared to assist in the development of that dashboard.

We believe it is vitally important that trusted members of the Flint community be engaged in communication on this issue, as well as the distribution of information conveyed by our suggested dashboard reporting. Accordingly, in advance of our final report, we would like to ensure the independent coordinator suggested above engage trusted community groups to begin rebuilding community trust in state actions.

We appreciate your personal interest in this issue, commitment to assisting the Task Force in our review, and—most importantly—commitment to ensuring that the full measure of state resources are brought forward to protect the public health in Flint and throughout the state.

Respectfully yours,

Flint Water Advisory Task Force:

Dr. Matt Davis

Chris Kolb

Dr. Larry Reynolds

Eric Rothstein

Ken Sikkema

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

December 15, 2015

Dear Flint Water Advisory Task Force Members:

Thank you for your correspondence on Dec. 7, and, most importantly, for your hard work to promote public health and protect our residents as we move forward. Your efforts are both respected and appreciated.

As acknowledged in your letter, we have taken many steps to address the challenges in Flint as they relate to reducing lead exposure. I am pleased to see the progress since October, and recognize there is more work that must be done to ensure that this progress continues.

At the state level, there has been a confluence of efforts between Departments of Environmental Quality and the Department of Health and Human Services to coordinate with the Genesee County Health Department, local schools, and our partners in the non-profit community.

These partners are making progress, and we know we must always strive to improve practices and communication for continual improvement.

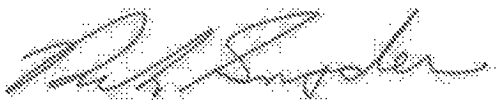
You make a solid recommendation to establish a person who is independent of any one of the involved state agencies to serve as the point person to coordinate the ongoing work. I am recommending that Harvey Hollins, director of the Office of Urban Initiatives, carry out this effort. Harvey is well-versed in the issues and the challenges faced by our cities and will be effective in this role. Senior members of our executive team will continue to engage with your task force and provide direction and support to Harvey to ensure you will have continued support and cooperation. We also have retained Chris DeWitt, a veteran communications specialist, to strengthen community outreach efforts to make sure residents have access to the information they need.

I also support your suggestion of a dashboard to make information about our work and progress more accessible to the Flint community. These are critical measures that can be used as we look the challenges and progress in Flint, but also can be a part of efforts moving forward in other areas of our state. It's important that people have confidence that we are working to address any problems and will take the necessary actions to improve interaction among city, state and federal agencies. We also will continue to work with the medical community to consider how we can work together on wraparound needs of children who might experience health problems.

People in Flint and across our state deserve safe, clean water. I want them to be confident that the water coming out of their tap is safe for their families. And I want them to trust that their government – at all levels – is working effectively to protect them.

I thank you again for investing your time and expertise in this vitally important effort.

Sincerely,



Rick Snyder
Governor

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Thursday, December 17, 2015 12:13 PM
To: Murray, David (GOV)
Subject: Re: Flint Water Advisory Task Force-press release

David,

Can you send me a jpg of Hollins?

Steve Carmody
Michigan Radio

On Thu, Dec 17, 2015 at 11:46 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

The governor charged Hollins with carrying out the duties. Hollins is unavailable today.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Thursday, December 17, 2015 11:45 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint Water Advisory Task Force-press release

Dave,

Just to clarify, is the governor appointing Hollins to this job or does that have to be approved by anyone?

Also, is Mr. Hollins available for an interview?

Steve Carmody

Michigan Radio

810-424-5201

On Thu, Dec 17, 2015 at 10:00 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Steve, did you see the governor's letter that was attached to the press release?
>
> **Dave Murray**
>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
> 517-335-6397, office
>
> PPI mobile
>
> Twitter:@michigandmurray
>
> **From:** Stephen Carmody [mailto:sgcarmod@umich.edu]
> **Sent:** Thursday, December 17, 2015 9:43 AM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Fwd: Flint Water Advisory Task Force-press release

Dave,

Does the governor have a comment on the recommendations in the task force interim report?

Steve Carmody

Michigan Radio

---------- Forwarded message ----------
From: <chris@dewitt-communications.com>
Date: Thu, Dec 17, 2015 at 9:32 AM
Subject: Flint Water Advisory Task Force-press release
To: Chris De Witt <chris@dewitt-communications.com>

December 17, 2015

Contact: Chris De Witt

517-881-4784

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The FWATF was formed by Governor Snyder to review actions regarding the Flint water system and offer recommendations both for Flint and Michigan to protect the health and safety of state residents.

From: Brown, Jessica (GOV)
Sent: Thursday, December 17, 2015 1:08 PM
To: Murray, David (GOV)
Subject: Good on WNEM

Questions are coming from the reporter not the Facebook, Andrew assured me he has a set of questions all year-end related, the Facebook post is mostly just to engage their audience. Heads up though, he is, as expected, planning to hit on Flint water.

Jess

From: Murray, David (GOV)
Sent: Thursday, December 17, 2015 5:55 PM
To: 'jschmidt@npr.org'
Subject: Flint water questions

Hello Jennifer. Sorry for the delay. I'm just catching up on email.

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the city to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to Great Lakes Water Authority water until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

For your background, the action plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Providing free water filters to residents.
- Expanding health exposure testing of individual homes.
- Accelerating corrosion controls in the Flint drinking water system.
- Accelerating water system improvements to address replacing lead service lines.
- Expediting the completion of the Karegnondi Water Authority pipeline.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 9:01 AM
To: 'Holland, Meegan (GOV)'
Subject: FW: Flint water questions

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

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Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 9:06 AM
To: Holland, Meegan (GOV)
Subject: FW: PHONE MESSAGE: Jennifer Schmidt, NPR

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Ruestman, Alexa (GOV)
Sent: Thursday, December 17, 2015 11:15 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: PHONE MESSAGE: Jennifer Schmidt, NPR

Name: Jennifer Schmidt
Outlet: NPR
Phone: 202-513-2162
Email: jschmidt@npr.org
NPR is interviewing the mayor of Flint about Flint Water and was hoping to get a comment from the Governor's office on the Flint water issue, testing, crisis response, etc. Any the comment the Gov would like to make

Deadline: Today

Alexa Ruestman
Communications Intern
Executive Office of the Governor
RuestmanA@michigan.gov

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 9:09 AM
To: 'jschmidt@npr.org'
Subject: FW: Flint water questions

Jennifer,

I'm disappointed your story said we didn't respond to your questions. You didn't give a hard deadline in your message, and I thought I provided you with a very detailed response.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
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To: 'jschmidt@npr.org' <jschmidt@npr.org>
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Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Holland, Meegan (GOV)
Sent: Friday, December 18, 2015 11:51 AM
To: Murray, David (GOV)
Subject: Sikkema's comments

Now I see why Brad is a bit teed. Here's what Sikkema said on Michigan Radio:

> I will say in our first few weeks really of reviewing this, this is a very, very serious situation. Not just how did it happen and why, but going forward in terms of public health issues related to lead lingering particularly in young children. It is a very troubling situation in Flint and it adds to it because of the failure of government to protect the population.

And … Sikkema thinks Gov. Snyder may face political fatigue heading into 2016:

> As governors start getting into their second term -- as this governor is -- two things happen. One thing is, you run into agenda fatigue, you kind of run out of big ideas. I think you'll see that dynamic starting in 2016. The other things is that it gets more difficult to marshal the legislative troops as your lame duck status begins to take hold.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Rick Pluta <rickp@mprn.org>
Sent: Friday, December 18, 2015 2:17 PM
To: Murray, David (GOV)
Subject: Two things...

Thing 1 -- Any reaction to the Legislative Black Caucus's call for the gov to declare a state of emergency in Flint?
Thing 2 -- Anything happening today or Monday?

thanks&cheers...

Rick Pluta
managing editor/Capitol bureau chief
Michigan Public Radio Network
PPI (cell)

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 3:18 PM
To: 'Rick Pluta'
Subject: RE: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

Hello Rick,

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration has been working closely with Mayor Weaver to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents. Gov. Snyder also has in plan an action plan that includes increased testing, free filters and other steps to help residents. The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Rick Pluta [mailto:rickp@mprn.org]
Sent: Friday, December 18, 2015 2:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

>>> Rosemary Jones <RJones@house.mi.gov> 12/18/2015 11:21 AM >>>

FOR IMMEDIATE RELEASE
Friday, December 18, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-5837

Michigan Legislative Black Caucus Calls For A State of Emergency In Flint MLBC urges Gov. Snyder to act on water crisis in city LANSING - The Michigan Legislative Black Caucus (MLBC) today joined the City of Flint, and urged Gov. Rick Snyder to issue a State of Emergency to address the continuing health concerns caused by the increased lead levels in their water. The MLBC request comes on the heels of the issuance of a State of Emergency declaration by Flint Mayor Karen Weaver, and the Flint City Council.

Although Flint has ceased pulling water from the Flint River, the emergency is in response to continuing reports and studies that indicate the presence of coliform bacteria and high levels of lead in the city's drinking water. Blood samples of Genesee County children - taken before and after the city ended its contract with the Detroit Water and Sewerage Department (DWSD) and began using Flint River water - showed that the number of Flint children with elevated blood-lead levels had jumped from 2.1 percent to 4 percent. Additional tests have disclosed that the blood-lead levels of children living in the poorest Flint neighborhoods have jumped from 2.5 percent to 6.3 percent.

It has been scientifically proven that even low lead levels can affect many different parts of the body. Lead can especially affect a child's mental development, behavior, ability to pay attention, hearing, IQ, kidneys and body growth.

State Rep. Sheldon Neeley (D-Flint), first vice chairman of the MLBC, is working with local, state and federal officials to find solutions and resources. A state-declared heath emergency will allow the city to access federal funding.

"Issuing a health emergency is the most responsible thing to do," Neeley said. "This is a public health crisis, and our children are most at risk. We urge Gov. Snyder to issue the State of Emergency so the city of Flint can get immediate monetary relief."

"Water is a basic human right," state Rep. LaTanya Garrett (D-Detroit) said. "Many of our urban communities have succumb to various water issues. We have a due diligence to work tirelessly to provide relief to our citizens."

###

Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 3:29 PM
To: 'Rick Pluta'
Subject: RE: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

I think he said that her request was to the federal government, but you'd have to pull that from your tape. .

My statement is correct in that the administration continues to have discussions with the mayor on this issue and others.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Rick Pluta [mailto:rickp@mprn.org]
Sent: Friday, December 18, 2015 3:24 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

Thanks. So, to take it home, (and this is what I took away yesterday) the governor does not think a state disaster declaration is necessary.
(He also said it doesn't fit the criteria.)

>>> "Murray, David (GOV)" <MurrayD1@michigan.gov> 12/18/2015 3:17 PM
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Hello Rick,

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration has been working closely with Mayor Weaver to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents. Gov. Snyder also has in plan an action plan that includes increased testing, free filters and other steps to help residents. The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave Murray

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From: Rick Pluta [mailto:rickp@mprn.org]
Sent: Friday, December 18, 2015 2:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

>>> Rosemary Jones <RJones@house.mi.gov> 12/18/2015 11:21 AM >>>

FOR IMMEDIATE RELEASE
Friday, December 18, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-5837

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Rosie Jones
Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

From: Rick Pluta <rickp@mprn.org>
Sent: Friday, December 18, 2015 3:30 PM
To: Murray, David (GOV)
Subject: RE: Michigan Legislative Black Caucus Calls For A State of Emergency In Flint

So he has not ruled it out?

>>> "Murray, David (GOV)" <MurrayD1@michigan.gov> 12/18/2015 3:29 PM
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Deputy Press Secretary
Michigan House Democrats
O: 517.373.3731
C: PPI
housedems.com

From: Alethia Kasben <kasbena@gongwer.com>
Sent: Friday, December 18, 2015 3:40 PM
To: Murray, David (GOV)
Subject: Legislative black caucus

Hi Dave,

Wondering what the governor makes of the request from the legislative black caucus to declare a state of emergency in Flint? Is this something he has/is considering? If not a state of emergency, would he consider a disaster declaration (I think this is what it is called) in the city?

Thanks,

Alethia

This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Friday, December 18, 2015 4:40 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Query on deadline from the Rachel Maddow Show

Hi, Ms. Wurfel and Mr. Murray,

I'm writing from the Rachel Maddow Show, on MSNBC. We are working on a story about the water situation in Flint for tonight, and we have a few questions.

-When did the governor's office become aware of reports that lead levels were rising in Flint water?

-When did the governor's become aware of the EPA interim report showing high levels of lead in Flint and inadequacies with the city's testing?

-When did the governor's office become aware of the testing in which two samples were ruled out and the result was that Flint water met EPA guidelines, as reported by Michigan Radio?

-Does the governor take responsibility for any part of what has happened in Flint? If so, what part or parts?

-What are the governor's next steps in addressing the crisis?

Thank you for fielding these.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Eisner, Jennifer (DHHS)
Sent: Friday, December 18, 2015 4:43 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Wheaton, Bob (DHHS); Minicuci, Angela (DHHS)
Subject: MDHHS Weekly Report

Upcoming Press Releases

- Monday, December 21 – Holiday safe sleep reminder
- Monday, December 21 – Michigan child welfare improvements
- Tuesday, December 22 – Public comment period for behavioral health waiver
- Tuesday, December 22 – SYNAR tobacco vendor press release
- TENTATIVE Tuesday, December 22 – Tahir Whitehead spends time with children in foster care program
- Wednesday, December 23 – Next Flint report on blood lead level testing will be posted
- Monday, December 28 – Michigan tobacco quitline reminder
- Week of January 1 – Autism coverage and Medicaid common formulary press release
- Week of January 1 – Birth defects prevention month

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Holland, Meegan (GOV)
Sent: Friday, December 18, 2015 4:52 PM
To: Murray, David (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

Be forewarned … I sense you're dealing with another intern….

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:42 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: FW: Query on deadline from the Rachel Maddow Show

Seems odd that this many questions comes in at 4:40…

I'll respond.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
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The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:53 PM
To: Holland, Meegan (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

I was thinking about sending this, which is pretty much what I sent to NPR:

Hello Laura,

I'm happy to help.

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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There is a website with a considerable amount of information about testing results here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.

* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

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To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Query on deadline from the Rachel Maddow Show

That is correct. And there should be a breakdown of adults and children later in the release. Those are the figures for the number of people who are above the federal action level. In those cases, DHHS staff members work directly the individuals to determine the source of the lead in the home, be it a particular faucet or pipes, or non-water factors such paint.

You'll note the historical data, showing the seasonal increases. There historically are higher levels reported in the summer months, for a variety of reasons.

Dave

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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 5:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Query on deadline from the Rachel Maddow Show

Thank you for the help.

Looking at the latest release on testing data, is this the line that contains the figures: According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

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Sent: Friday, December 18, 2015 5:11 PM
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The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

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There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

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* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

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That, too. This version puts it into words. I like it more than the columns of numbers.

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Ah! I think I see the part you mean:
http://www.michigan.gov/documents/deq/Flint_Blood_Testing_Report_December_11_508276_7.pdf

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One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 5:33 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Query on deadline from the Rachel Maddow Show

Oops. That one is the follow up to the one I meant to send:

http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_71696-370518--,00.html

But the updated numbers – 39 out of 1,836 – are in the other one.

Bridge Magazine has done some in-depth work on this issue.

http://bridgemi.com/2015/12/far-from-flint-lead-remains-an-irreversible-scourge/

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

I

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Query on deadline from the Rachel Maddow Show

I think I'm still missing the part about seasonal differences.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:24 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

That, too. This version puts it into words. I like it more than the columns of numbers.

http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 5:22 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Query on deadline from the Rachel Maddow Show

Ah! I think I see the part you mean:
http://www.michigan.gov/documents/deq/Flint_Blood_Testing_Report_December_11_508276_7.pdf

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:20 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

That is correct. And there should be a breakdown of adults and children later in the release. Those are the figures for the number of people who are above the federal action level. In those cases, DHHS staff members work directly the individuals to determine the source of the lead in the home, be it a particular faucet or pipes, or non-water factors such paint.

You'll note the historical data, showing the seasonal increases. There historically are higher levels reported in the summer months, for a variety of reasons.

Dave

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Thank you for the help.

Looking at the latest release on testing data, is this the line that contains the figures: According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:11 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

Hello Laura,

I'm happy to help.

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.

* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Friday, December 18, 2015 5:36 PM
To: Murray, David (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

OK, thank you.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, December 18, 2015 5:33 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Query on deadline from the Rachel Maddow Show

Oops. That one is the follow up to the one I meant to send:

http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692_71696-370518--,00.html

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That, too. This version puts it into words. I like it more than the columns of numbers.

http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

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Subject: RE: Query on deadline from the Rachel Maddow Show

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The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

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* Offering free water testing to Flint residents to assure their drinking water is safe.

* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
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One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 6:08 PM
To: Kyle Melinn - MIRS
Subject: Fwd: legislative black caucus

Kyle,

Here's a statement. Ron Leix at MSP is the expert on all things procedural on disaster declarations and can be of assistance.

Sent from my iPhone

Begin forwarded message:

> Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with Mayor Weaver to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state has given more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The administration also has in place an action plan that includes increased testing, free filters and other steps to help residents. The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Anna Heaton

Deputy Press Secretary | Gov. Rick Snyder

o: 517-241-6049 | c: PPI

@Republicanna

From: Biehl, Laura (GOV)
Sent: Monday, December 21, 2015 8:46 AM
To: Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: Media contracts for the week

I actually already started a spreadsheet. I'll show you later today.

From: Murray, David (GOV)
Sent: Sunday, December 20, 2015 10:55 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Media contracts for the week

Media contacts for the last week. This doesn't include all the year-end interviews. I'll create a document in the share drive that we can add to.

Monday, Dec. 14
Steve Carmody, Michigan Radio X2, pipeline, Flint mayor
Jeremy Allen, Ann Arbor News, Chad Tough proclamation
Mickey Hirten, City Pulse, refugees
Todd Spangler, Detroit Free Press, Council of Governors

Tuesday, Dec. 15
Yanan Wang, Washington Post, Flint water
Richard Burr, Detroit News, data center
Zach Gorchow, Gongwer, data center
Lauren Gibbons, MIRS, Senate resolution
Arthur Delaney, Huffington Post, Flint water
Andy Dominianni, WWMT, interview
Kaci Lindhorst, CBS News, Flint water
Corey Williams, AP, graduation rates
Amy Hybels, NBC 25, GM agreement
Ingrid Jacques, Detroit News, DPS
Maria Koklanaris, State Tax Today, State Tax Notes, GM agreement
Marie Gould, WXYZ, Auto Show
John Counts, Ann Arbor News, judicial appointment
Dominic Adams, MLive, GM agreement
Ron Fonger, MLive, Flint water
Mickey Hirten, City Pulse, refugees
Carol Cain, Free Press, refugees
Steve Carmody, Michigan Radio, Flint water

Wednesday, Dec. 16
Matt Dolan, Free Press, data centers
Lindsay VanHulle, Crain's, data centers
Ian Thibdoeau, Ann Arbor News, refugees
Yanan Wang, Washington Post, Flint water
Steve Carmody, Michigan Radio, Flint water
Sarah Cwiek, Michigan Radio, retired teacher legislation

Dave Eggert, AP, data center
Michael Martin, Fox 17, data center
Jim Harger, Grand Rapids Press, data center
Amy Fox, WZZM, data center
Carole Cain, Free Press, New Year's resolution
Nora Macaluso, Bloomberg, data center
Joe Netto, CNN, Flint water
Annette Christie, Tri-City Record, Good Samaritan Act

Thursday, Dec. 17
Rick Pluta, Michigan Radio, Detroit schools
Matt Dolan, Free Press, economic development
Amy Hybels, NBC 25, legislation
Ryan Hermes, Michigan Radio Network, interview
Kyle Melinn, MIRS, interview
Richard Burr, Detroit News, hardest-hit fund
James Gemmel, WJRW, Steelcase pyramid
Jonathan Oosting, MLive, Healthy Michigan
Kathy Gray, Detroit Free Press, Healthy Michigan
Ron Fonger, MLive, Flint water correction
Steve Carmody, Michigan Radio, Flint Water Task Force
Karen Buffard, Detroit News, Healthy Michigan
Jeffrey Moser, Michigan Radio Network, interview
Jennifer Schmidt, NPR, Flint water
Nora Macaluso, Bloomberg, Healthy Michigan
Arthur Delaney, Huffington Post, Flint Water

Friday, Dec. 18
Paul Egan, Free Press, coffee
Laura Conaway, Rachel Maddow Show, Flint water
Rick Pluta, Michigan Radio
Kathy Gray, Free Press, legislation
Gary Heinleim, Detroit News, legislation
Aliethia Kasben, Gongwer, Black Caucus
Zach Gorchow, interview requests
Matt Jachman, Observer News, legislation
John Smith, Ferris University communications, legislation

Saturday, Dec. 19
Event covered by Battle Creek Enquirer Safiya Merchant and Channel 3

Sunday, Dec. 20
Gunjan Banjeri, Debtwire, Detroit schools

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 12:16 PM
To: Eisner, Jennifer (DHHS); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: FW: Response to Marc Edwards' post on DHHS and Flint water?

Hi DHHS team,

Can we speak about this?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:rmwillia@umich.edu]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
PPI cell

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 12:18 PM
To: Murray, David (GOV)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Yes, I can give you a call..

Sent from my iPhone

On Dec 21, 2015, at 12:16 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Hi DHHS team,
>
> Can we speak about this?
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> **From:** Rebecca Williams [mailto:rmwillia@umich.edu]
> **Sent:** Monday, December 21, 2015 12:14 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Response to Marc Edwards' post on DHHS and Flint water?
>
> Hi Dave,
>
> Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?
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> http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/
>
> Our story deadline is 3pm today.
>
> thanks,
>
> Rebecca Williams
> Senior Reporter
> Michigan Radio

(734) 647-3497 desk
PPI cell

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 12:30 PM
To: 'Rebecca Williams'
Subject: RE: Response to Marc Edwards' post on DHHS and Flint water?

The Department of Health and Human Services Will have a reply for you before your deadline.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:rmwillia@umich.edu]
Sent: Monday, December 21, 2015 12:14 PM
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Our story deadline is 3pm today.

thanks,

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
PPI cell

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 2:37 PM
To: Murray, David (GOV)
Subject: Edwards Report Response

Importance: High

Do you have an email for Rebecca Williams? Here's the statement for your review:

The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.

Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:40 PM
To: Holland, Meegan (GOV)
Subject: Fwd: Edwards Report Response

Sent from my iPhone

Begin forwarded message:

> **From:** "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
> **Date:** December 21, 2015 at 2:37:00 PM EST
> **To:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Subject: Edwards Report Response**
>
> **Do you have an email for Rebecca Williams? Here's the statement for your review:**
>
> The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.
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From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:52 PM
To: Eisner, Jennifer (DHHS)
Subject: RE: Edwards Report Response

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

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Subject: Edwards Report Response
Importance: High

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The Michigan Department of Health and Human Services has consistently provided Flint residents with information regarding blood lead levels.

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thoroughly reviewed. Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

Our department is focused on following up with city residents who has tested with elevate levels. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

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From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:53 PM
To: 'Rebecca Williams'
Subject: RE: Response to Marc Edwards' post on DHHS and Flint water?

Coming to you very soon. Please give us a couple minutes grace here.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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From: Rebecca Williams [mailto:rmwillia@umich.edu]
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(734) 647-3497 desk
PPI cell

On Mon, Dec 21, 2015 at 12:30 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> The Department of Health and Human Services Will have a reply for you before your deadline.
>
> **Dave Murray**
>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
> 517-335-6397, office
>
> PPI mobile
>
> Twitter:@michigandmurray

From: Rebecca Williams [mailto:rmwillia@umich.edu]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

PPI cell

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:54 PM
To: Eisner, Jennifer (DHHS)
Subject: FW: Response to Marc Edwards' post on DHHS and Flint water?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:rmwillia@umich.edu]
Sent: Monday, December 21, 2015 2:54 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Will do, thanks!

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
PPI cell

On Mon, Dec 21, 2015 at 2:52 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Coming to you very soon. Please give us a couple minutes grace here.
>
> **Dave Murray**
>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
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Sent: Monday, December 21, 2015 3:12 PM
To: 'Arthur Delaney'
Subject: RE: Flint point person

Coming soon.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Monday, December 21, 2015 3:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint point person

Dave, I am still waiting to hear from MDHHS about the latest from FlintWaterStory.org. The core allegation is that they had a very clear warning of elevated blood lead in a July 27 memo that the email correspondence says was sent to the agency director as well as the governor's office.

If the statement's coming soon, I can hold my story, but if it's not coming soon, I can add it after publishing.

On Mon, Dec 21, 2015 at 1:00 PM, Arthur Delaney <arthur@huffingtonpost.com> wrote:

> Dave, sorry for my slowness in acknowledging this email. I agree that that sentence would be unfair by itself. The next sentence says "local officials toasted the decision." I realize the city voted to switch to the KWA. My sense from local reporting is that the interim switch to the Flint River was not exactly a local call, even if the river had previously served as a backup. Like I said, I do not ever want to give readers the impression that the governor was SOLELY responsible for the water switch. I think those two sentences together are fair, though in the future I can try to include local and state entities in a single sentence.
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> On Thu, Dec 17, 2015 at 10:44 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
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> > Arthur, I was just sending you an email.

From your story:

The trouble started in 2014 when emergency managers appointed by Michigan Gov. Rick Snyder (R) decided to try saving money by switching Flint's water supply from the Detroit system to the Flint River.

Arthur, this is greatly inaccurate. The city and county governments have been working – for years – to create a new water authority so the Flint area would stop using water from Detroit. There was a 7-1 Flint City Council vote to make the switch to the new source in Lake Huron, which the emergency manager affirmed to support the local wishes.

The Flint River has always been a been the backup source. The original plan from the city was to use Detroit water or a mix of Detroit and Flint River water during construction of the new pipeline. There wasn't an arbitrary decision to "try saving money."

This column from the emergency manager at the time explains the decision behind the switch in great detail.

http://www.detroitnews.com/story/opinion/2015/10/26/opinion-flint-water-disaster/74657458/

Do you have the press release from the task force that includes the governor's response letter? I'll forward it to you.

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Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

PPI mobile

Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
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To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint point person

Hi Dave, is Gov. Snyder going to appoint a "crisis responder" to oversee the Flint situation?

Am I missing something with Ananich's request for such? My sense is that he's trying to express dissatisfaction with the task force.

---------- Forwarded message ----------
From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
Date: Thu, Dec 17, 2015 at 10:19 AM
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground
To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE Contact: Angela Wittrock

December 17, 2015 Phone: (517) 775-1430

Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground

LANSING, Mich. — Senate Minority Leader Jim Ananich (D–Flint) responded to today's release of Flint Water Task Force correspondence. He reiterated specific actions that would help organize efforts with the Flint water crisis, including bringing in a trained emergency management professional to coordinate assistance within the City of Flint.

"Political appointees and public relations people are what got us into this mess, and they aren't who we need leading us out of it," Sen. Ananich said. "Anything less than a professional trained in emergency management or public health will not suffice."

Sen. Ananich requested a crisis responder from the Michigan State Police, the Federal Emergency Management Agency or the Department of Homeland Security.

"Dashboards and nice words won't cut it — our community needs action and answers. While I appreciate that the task force seems to recognize it needs to recommend changes before they release their final report, the administration still doesn't seem to comprehend how devastating this crisis is and that it's far from over," Sen. Ananich said.

In addition to calling for more urgency, Sen. Ananich has pushed for stronger legislative oversight and hearings, and additional resources for those families suffering from lead overexposure.

###

Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

…

Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: PPI

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Reporter | Huffington Post

(202) 624-9396 desk | PPI cell

Twitter @ArthurDelaneyHP

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From: Arthur Delaney <arthur@huffingtonpost.com>
Sent: Monday, December 21, 2015 3:21 PM
To: Murray, David (GOV)
Subject: Re: Flint point person

Got it -- thanks for your help and sorry for nagging.

On Mon, Dec 21, 2015 at 3:11 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Coming soon.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

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PPI mobile

Twitter:@michigandmurray

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Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

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517-335-6397, office

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FOR IMMEDIATE RELEASE

Contact: Angela Wittrock

December 17, 2015

Phone: (517) 775-1430

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Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

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From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:21 PM
To: Eisner, Jennifer (DHHS)
Subject: Link

http://michiganradio.org/post/reporter-s-notebook-some-state-officials-still-denial-or-misinformed-over-flint-river-decision#stream/0

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 3:56 PM
To: Murray, David (GOV)
Subject: FW: Look for a statement

FYI There was a follow up and I responded with:

There were seasonal increases during the third quarters of 2014 and 2015, but the extent of these increases were not apparent until zip code levels were analyzed. As a result of this process, we are thoroughly reviewing the way we analyze data. Our after action report will help determine how we conduct this process in the future.

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

-----Original Message-----
From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 3:55 PM
To: 'Dupnack, Jessica' <jessica.dupnack@abc12.com>
Subject: RE: Look for a statement

Hi Jessica:

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I appreciate the reply.
I have one further question.

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BUT according to the data collected and notes provided by Cristin Larder on July 28, 2015 it specifically says:

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I guess I am just confused how this report in July is consistent with what the department is saying now?

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From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
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Subject: RE: Look for a statement

Thanks for your patience on this.

The Michigan Department of Health and Human Services has consistently provided information regarding the city of Flint and blood lead levels.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Additionally, Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

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Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

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To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: RE: Look for a statement

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> To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> Subject: RE: Look for a statement
>
> I'm sorry! I was in a meeting.
>
> Michigan Health Department Hid Evidence of Health Harm Due to Lead Contaminated Water
>
> This is the title of their preliminary report about the documents that were FOIA'd from MDHHS
>
> -----Original Message-----
> From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
> Sent: Monday, December 21, 2015 9:56 AM

> To: Dupnack, Jessica
> Subject: RE: Look for a statement
>
> I think there was a typo in your email below re: the headline of the report.. can you tell me again what the headline is?
>
> Jennifer Eisner
> Public Information Officer
> Michigan Department of Health and Human Services
> Office: 517-241-2112 or EisnerJ@michigan.gov
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> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Monday, December 21, 2015 9:40 AM
> To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> Subject: Look for a statement
>
> Hello! I received some information from Marc Edwards this morning regarding some FOIA information that he received. I'm wondering if you are aware of the documentation he's received? And if the department has any comment.
>
> The "headline" of their report is "Michigan Health department his evidence of health had due to lead contaminated water"...so clearly some strong statements with the FOIA documents as source citing. Let me know if you have any comment! Thanks again.
>
> Thanks!
> Jessica Dupnack

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:57 PM
To: Eisner, Jennifer (DHHS)
Subject: RE: Look for a statement

Thanks, Jen!

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI, mobile Twitter:@michigandmurray

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> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Monday, December 21, 2015 10:00 AM
> To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> Subject: RE: Look for a statement
>
> I'm sorry! I was in a meeting.
>
> Michigan Health Department Hid Evidence of Health Harm Due to Lead Contaminated Water
>
> This is the title of their preliminary report about the documents that were FOIA'd from MDHHS
>
> -----Original Message-----
> From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
> Sent: Monday, December 21, 2015 9:56 AM
> To: Dupnack, Jessica
> Subject: RE: Look for a statement
>
> I think there was a typo in your email below re: the headline of the report.. can you tell me again what the headline is?
>
> Jennifer Eisner
> Public Information Officer
> Michigan Department of Health and Human Services
> Office: 517-241-2112 or EisnerJ@michigan.gov
> Cell: PPI
>
>
> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Monday, December 21, 2015 9:40 AM
> To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> Subject: Look for a statement
>
> Hello! I received some information from Marc Edwards this morning regarding some FOIA information that he received. I'm wondering if you are aware of the documentation he's received? And if the department has any comment.
>
> The "headline" of their report is "Michigan Health department his evidence of health had due to lead contaminated water"...so clearly some strong statements with the FOIA documents as source citing. Let me know if you have any comment! Thanks again.
>
> Thanks!
> Jessica Dupnack

From: Wurfel, Brad (DEQ)
Sent: Monday, December 21, 2015 4:39 PM
To: Murray, David (GOV)
Subject: Fwd: Flint water

Sent from my iPhone

Begin forwarded message:

> **From:** "Egan, Paul" <pegan@freepress.com>
> **Date:** December 21, 2015 at 3:43:39 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "rosenthala@michigan.gov" <rosenthala@michigan.gov>, "buschs@michigan.gov" <buschs@michigan.gov>
> **Subject: Flint water**
>
> Hi Brad: I am working on an update/wrap-up on the Flint water issue. I have a few questions and I am hoping you can provide answers by the end of the day Tuesday. I am also copying two DEQ officials referenced in the questions, in case they want to answer directly. The questions are based on e-mails obtained through FOIA by Virginia Tech researcher Marc Edwards, and by the Michigan ACLU.
>
> 1/ Have any DEQ officials been re-assigned or disciplined in relation to the Flint drinking water issue, other than Liane Shekter Smith?
>
> 2/ Why did Stephen Busch say in a Feb. 27 e-mail to the EPA that Flint had "an optimized corrosion control program" when in fact Flint had no corrosion control program?
>
> 3/ On June 25, Adam Rosenthal of the DEQ's Office of Drinking Water and Municipal Assistance sent an e-mail about the water samples to Michael Glasgow, a utilities administrator with the City of Flint. "Just wanted to remind you/confirm that Flint is on track for a few items," Rosenthal wrote in the e-mail.
>
> "We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they are will be (sic) below the AL (action level) for lead," the e-mail said. "As of now with 39 results, Flint's 90th percentile is over the AL for lead."
>
> Was Rosenthal encouraging Flint to collect samples that would be below the action level for lead? Many people are reading his e-mail that way. Is there any reason why I should not?
>
> 4/ Why was the DEQ strict in 2015 about disqualifying the sample with a high reading from the home of LeeAnne Walters, for the stated reason that she used a water filter, but not strict in disqualifying other samples for other reasons that could have been used, such as that they were not among the 100 homes that were sampled in 2014, or that they did not come from homes at high risk for lead (for example the homes on Flushing Road that had received a new water main in 2007?) Why is it that of the homes sampled in 2014, only homes that had tested below the AL for lead were sampled again in 2015 and none of the homes that had sampled above the AL for lead in 2014 were sampled again in 2015? Were the samples being cherry picked, as some have suggested?

5/ LeeAnne Walters says she never received a promised letter or email that was to follow up with her from the Aug. 4 meeting in Lansing with DEQ officials and aides to the Governor. Was she ever sent the letter, which was to explain to her, among other items, why the sample from her home was disqualified?

Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Monday, December 21, 2015 5:31 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Got it. Thank you.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

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Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

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Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

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Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
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The state's response includes:

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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 3:23 PM
To: 'Holland, Meegan (GOV)'
Subject: FW: Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

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Subject: Fwd: Flint water

Sent from my iPhone

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Date: December 21, 2015 at 3:43:39 PM EST
To: "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
Cc: "rosenthala@michigan.gov" <rosenthala@michigan.gov>, "buschs@michigan.gov" <buschs@michigan.gov>
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Detroit Free Press
Lansing Bureau
517-372-8660

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
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Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Baird, Richard (GOV)
Sent: Tuesday, December 22, 2015 4:27 PM
To: Holland, Meegan (GOV); Murray, David (GOV)
Subject: FW: Meeting with Dr. Mona Hanna-Attisha and Flint Water
Attachments: #flintwatercrisis Secondary Prevention Recommendations 121415.pdf

These are all the areas where long term vigilance needs to be happening.

-----Original Message-----
From: Mona Hanna-Attisha [mailto:MHanna1@hurleymc.com]
Sent: Tuesday, December 15, 2015 7:40 AM
To: Lyon, Nick (DHHS)
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: RE: Meeting with Dr. Mona Hanna-Attisha and Flint Water

attached

-----Original Message-----
From: Lyon, Nick (DHHS) [mailto:LyonN2@michigan.gov]
Sent: Tuesday, December 15, 2015 6:26 AM
To: Mona Hanna-Attisha
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: Re: Meeting with Dr. Mona Hanna-Attisha and Flint Water

Thank you for the presentation and your approach to this. When you can please share a version of the presentation I can pass in to Sue, Eden and the others in my Population Health area.

Nick

> On Dec 14, 2015, at 7:05 PM, Mona Hanna-Attisha <MHanna1@hurleymc.com> wrote:
>
>
> Mr. Baird and all the other guys,
>
> It was a pleasure meeting everyone and a privilege to present to you all. As I said, we have an incredible and unique opportunity to mitigate the impact of this population-wide exposure. If we act now, proactively, we can buffer our kids from the life-altering impacts of lead poisoning.
>
> Flint has many claims to fame (we put the world on wheels, we birthed Mr. Baird!, etc); and now, with your leadership, we can continue to build generations of strong, smart, and healthy children.
>
> If I can be of any further assistance, please don't hesitate to contact me. Email or cell PPI
>
> Thanks again, Mona

>
> Mona Hanna-Attisha MD MPH FAAP
> Program Director Pediatric Residency
> Hurley Children's Hospital at Hurley Medical Center Michigan State
> University College of Human Medicine Department of Pediatrics and
> Human Development Mhanna1@hurleymc.com<mailto:Mhanna1@hurleymc.com>
> _____
> From: Baird, Richard (GOV) [bairdr@michigan.gov]
> Sent: Thursday, December 10, 2015 2:27 PM
> Required: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis;
> Chris Kolb; Ken Sikkema; Chris De Witt; 'Eric Rothstein'; Lyon, Nick
> (DHHS); Grijalva, Nancy (DHHS); Mona Hanna-Attisha
> Subject: Meeting with Dr. Mona Hanna-Attisha and Flint Water
> When: Monday, December 14, 2015 11:00 AM-12:00 PM.
> Where: Governor's Conference Room, 2nd Floor Romney Building, 111 S.
> Capitol Ave., Lansing, MI 48933
>
> Good Morning,
>
> This is to confirm the meeting with Rich Baird on Monday, December 14 at 11:00 a.m. in the Governor's Conference room, second floor Romney Building, 111 S. Capitol Ave. Lansing, MI 48933.
>
> We are located at the George W. Romney Building, 111 S. Capitol
> Avenue, Lansing. The Romney Building is located directly across the
> street (Capitol Avenue) from the Capitol Building. There is some
> metered parking around the building. The closest parking facility is
> one block south at the corner of Capitol Avenue and Allegan Street
> (enter the parking facility from Capitol Avenue).
> https://www.parkme.com/lot/93032/tower-parking-ramp-lansing-mi
>
> You will also want to have a picture I.D. handy for security in the Romney Building. Please let security know who you have a meeting with, they will call me and then send you up to the second floor.
>
> Please let me know if you have any questions.
>
> Thank you!
>
> Virginia Manolakoudis
> Executive Assistant for Richard Baird
> Executive Office of Governor Rick Snyder
> (517) 241-5621
> ManolakoudisV@michigan.gov<mailto:ManolakoudisV@michigan.gov>
>
>
>
>
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>
> <#flintwatercrisis Secondary Prevention Recommendations 121415.pdf>

#flintwatercrisis

HURLEY CHILDREN'S HOSPITAL

Background & Secondary Prevention

Mona Hanna-Attisha MD MPH FAAP
Hurley Children's Hospital
Michigan State University College of Human Medicine

Agenda

HURLEY CHILDREN'S HOSPITAL

- Flint Water Timeline
- Lead Facts
- Hurley Research Findings
- Introduction to Toxic Stress
- Next steps – Secondary Prevention

Flint Drinking Water Crisis

HURLEY CHILDREN'S HOSPITAL

- Financial Emergency Managers
- Water switch to Flint River (April 2014)
- Fecal coliform and boil advisories *3 (Sept 2014)
- GM stopped using Flint water – corroding parts (Oct 2014)
- Disinfectant byproducts TTHM (Jan 2015-Sept 2015)

Flint Drinking Water Crisis

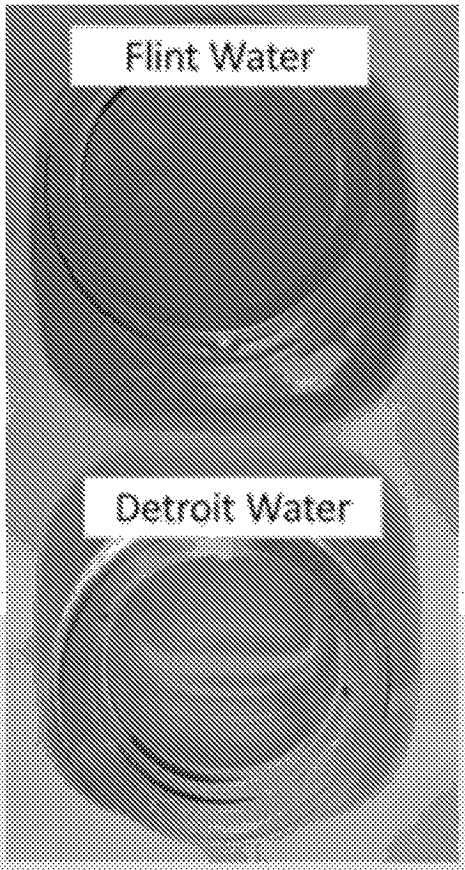
HURLEY CHILDREN'S HOSPITAL

- Perfect storm for lead leaching
  - Flint water more corrosive
  - Lack of corrosion control
  - Aging infrastructure (lead plumbing)
  - Decreased water use - population loss, high water rates

Flint Drinking Water Crisis

HURLEY CHILDREN'S HOSPITAL

- High lead levels detected, EPA contacted (February 2015)
- Leaked EPA memo (June 2015)
  - LeeAnn Walters WLL 13,200 ppb (toxic waste)
- Dr Marc Edwards, Virginia Tech Research (Aug 2015)
  - Flintwaterstudy.org
  - Corrosion & water lead
- Hurley Research (Sept 2015)



https://www.wsws.org/en/articles/2015/09/26/flin-s26.html

Why do we care about lead?

HURLEY CHILDREN'S HOSPITAL

- Lead is a potent neurotoxin with lifelong, multigenerational impacts
- Blood lead levels (BLL) 5 ug/dL or more considered elevated blood lead levels (EBLL)
- Just a few years ago (2012), 10 ug/dL was cutoff
- NO safe blood lead level
- Disproportionately impacts low income and minority children
- Primary prevention is most important

HURLEY MEDICAL CENTER

Primary Prevention

HURLEY CHILDREN'S HOSPITAL

- "Because no measurable level of blood lead is known to be without deleterious effects, and because once engendered, the effects appear to be irreversible in the absence of any other interventions, public health, environmental and housing policies should encourage PREVENTION of all exposure to lead."

"Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention." 2012 CDC Advisory Committee on Childhood Lead Poisoning Prevention.

HURLEY MEDICAL CENTER

Impact on cognition

HURLEY CHILDREN'S HOSPITAL

- Vast evidence supports increased likelihood of:
  - Decrease in IQ
    - An increase in BLL from 1 to 4 ug/dL, drops mean IQ -3.7 points
  - Small change in mean IQ, shifts entire population IQ distribution
    - Reduces high achievers IQs (>130) and increases kids with low IQs (<70)
    - Implications for early intervention, special education services, employment, incarceration, life achievement, etc

Lanphear BP et al., Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. Environ Health Perspect. 2005. 113:894-9.
Fewtrell LJ, Pruss-Ustun A, Landrigan P, and Ayuso-Mateos JL, Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. Environmental Research, 2004. 94:120-33.

Impact on behavior

HURLEY CHILDREN'S HOSPITAL

- Increased likelihood of :
  - ADHD behaviors
  - Delinquent behaviors and arrests
  - Total arrests and increased rates of arrests involving violent offenses
  - Other health effects: hematologic, cardiovascular, immunologic, endocrine, etc

Wright, JP, KN Dietrich, MD Ris, et al. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Med* 5(5): e101
Chen, A, B Cai, KN Dietrich, et al. 2007. Lead exposure, IQ, and behavior in urban 5-7 year-olds: Does lead affect behavior only by lowering IQ? *Pediatrics* 119(3): e650-e658.
Needleman, HL, C McFarland, RB Ness, et al. 2002. Bone lead levels in adjudicated delinquents: A case control study. *Neurotoxicology and Teratology* 24(6):711-717.

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Cost

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- "For childhood lead poisoning, $5.9 billion in medical care costs, as well as an additional **$50.9 billion** (sensitivity analysis: $44.8–$60.6 billion) per year in lost economic productivity resulting from reduced cognitive potential from preventable childhood lead exposure."

- "The present value of Michigan's economic losses attributable to lead exposure in the 2009 cohort of 5 year-olds ranges from $3.19 (using U.S. blood lead levels) to **$4.85 billion** (using Michigan blood lead levels) per year in loss of future lifetime earnings."

Leonardo Trasande and Yinghua Liu. Reducing The Staggering Costs Of Environmental Disease In Children, Estimated At $76.6 Billion In 2008. *Health Affairs*, 30, no.5 (2011):863-870

The Price of Pollution: Cost Estimates of Environment-Related Childhood Diseases in Michigan. 2010 Report by Michigan Network of Children's Environmental Health

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Lead in Water

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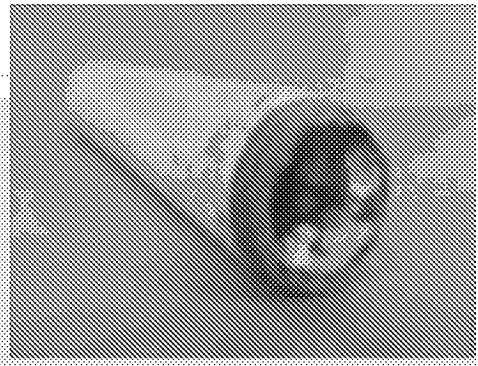
- Not what medicine/public health used to
  - Lead paint obsessed
  - "drinking through a lead painted straw"
- Soluble metal – ingestion via particulate or dissolved in water
- Drinking and cooking risks



Lead in water

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- Disproportionally impacts developmentally-vulnerable formula-fed infants
  - For about 25% of infants drinking formula made from tap water at 10 ppb, blood lead would rise >= 5 ug/dL
- Significant risk to unborn babies
  - Increase in fetal deaths and reduced birth weights

Triantafyllidou, S., Gallagher. D. and Edwards, M. Assessing risk with increasingly stringent public health goals: the case of water lead and blood lead in children. Journal of Water and Health. doi: 10.2166/wh.2013.067 58-68 (2014).
Edwards, M. Fetal Death and Reduced Birth Rates Associated with Exposure to Lead-Contaminated Drinking Water. Env. Sci. and Tech. 2013 DOI: 10.1021/es4034952

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HURLEY CHILDREN'S HOSPITAL

Hurley Children's RESEARCH FINDINGS

Sept 24

Medical Community Press Conference

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Methods

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- HMC IRB approved
- Data from all blood lead levels processed at Hurley Medical Center
- ZIP code based
- Two periods of comparison (same seasons):
  - PRE-SWITCH: January 1, 2013 – September 15, 2013
    - WATER SWITCH APRIL 26, 2014
  - POST-SWITCH: January 1, 2015 – September 15, 2015
- Analyzed % Elevated Blood Lead (EBLL)
  - EBLL = Blood lead Levels >= 5 ug/dL

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Initial Research Results

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- Zip code based (in media)

	ALL FLINT ZIPS (n=1746)	HIGH-WLL FLINT ZIPs (48503-48504) (n=742)	NON-FLINT ZIPS (n=1670)
PRE-SWITCH	2.1%	2.5%	0.6%
POST-SWITCH	4.0%	6.3%	1.0%

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GEOcoded Analysis

HURLEY CHILDREN'S HOSPITAL

- N= 1473 for Flint water children (pre n=736, post n=737)
- N= 2202 for non-Flint water children (pre n=1210, post n=992)

Flint results for children 5 years and under:

- PRE-SWITCH % EBLL: **2.4%**
- POST-SWITCH % EBLL: **4.9%**
- **p < 0.05; STATISTICALLY SIGNIFICANT CHANGE**

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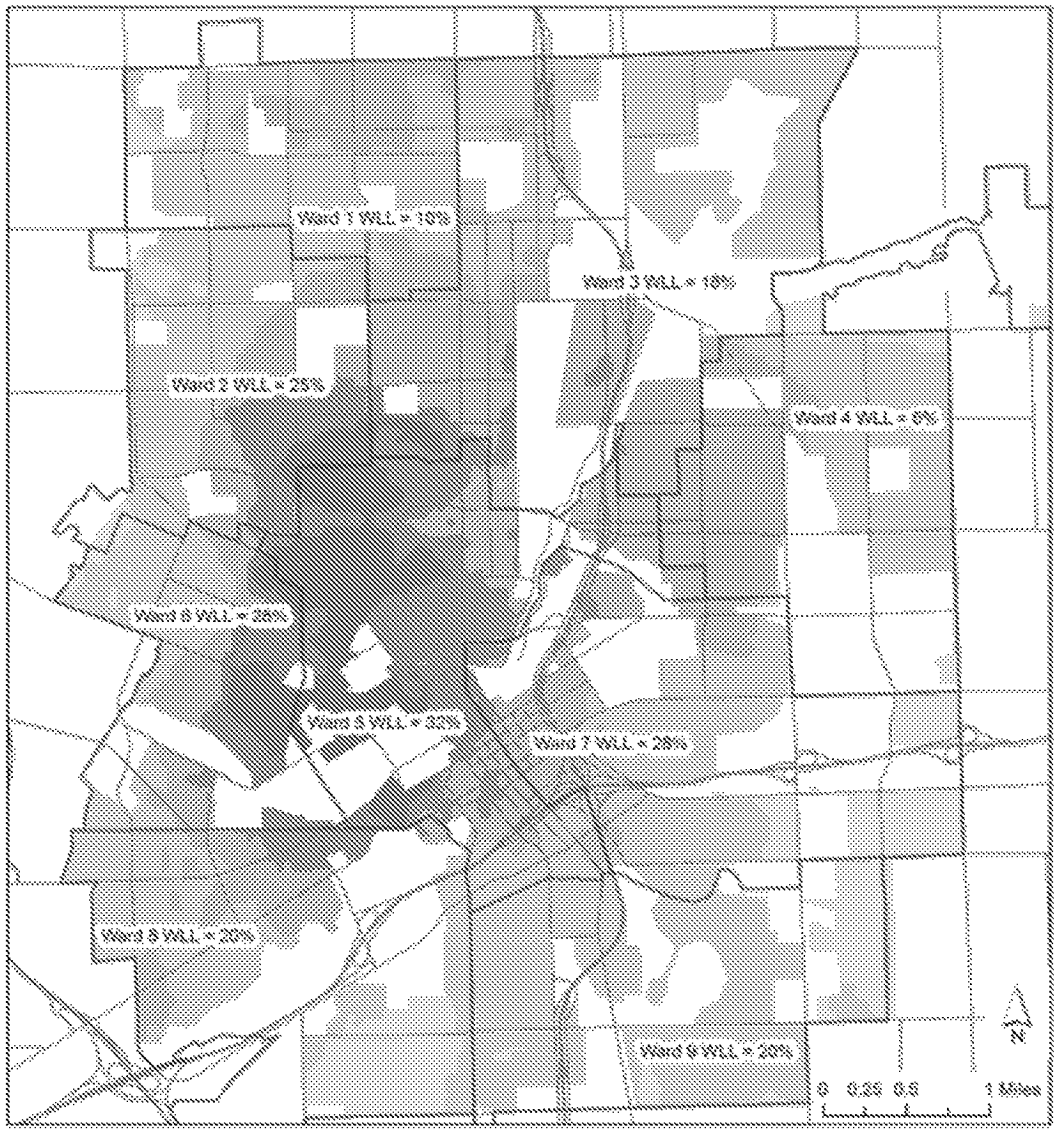
HURLEY CHILDREN'S HOSPITAL



- Focus on high WLL wards (5, 6, 7); ie., those with high water lead levels

Results:

- PRE-SWITCH % EBLL: **4.0%**
- POST-SWITCH % EBLL: **10.6%**
- **$p < 0.05$; STATISTICALLY SIGNIFICANT CHANGE**

- Note: Hot spots between wards/zips

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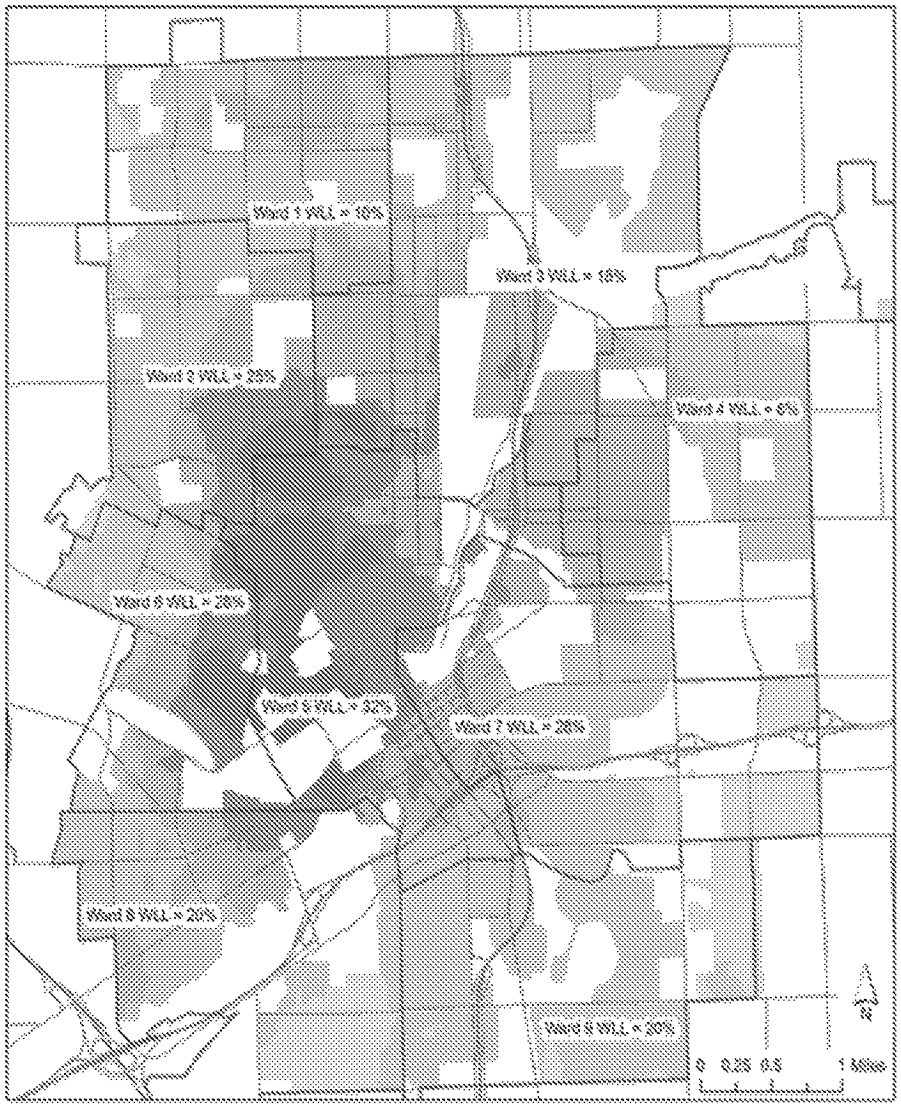
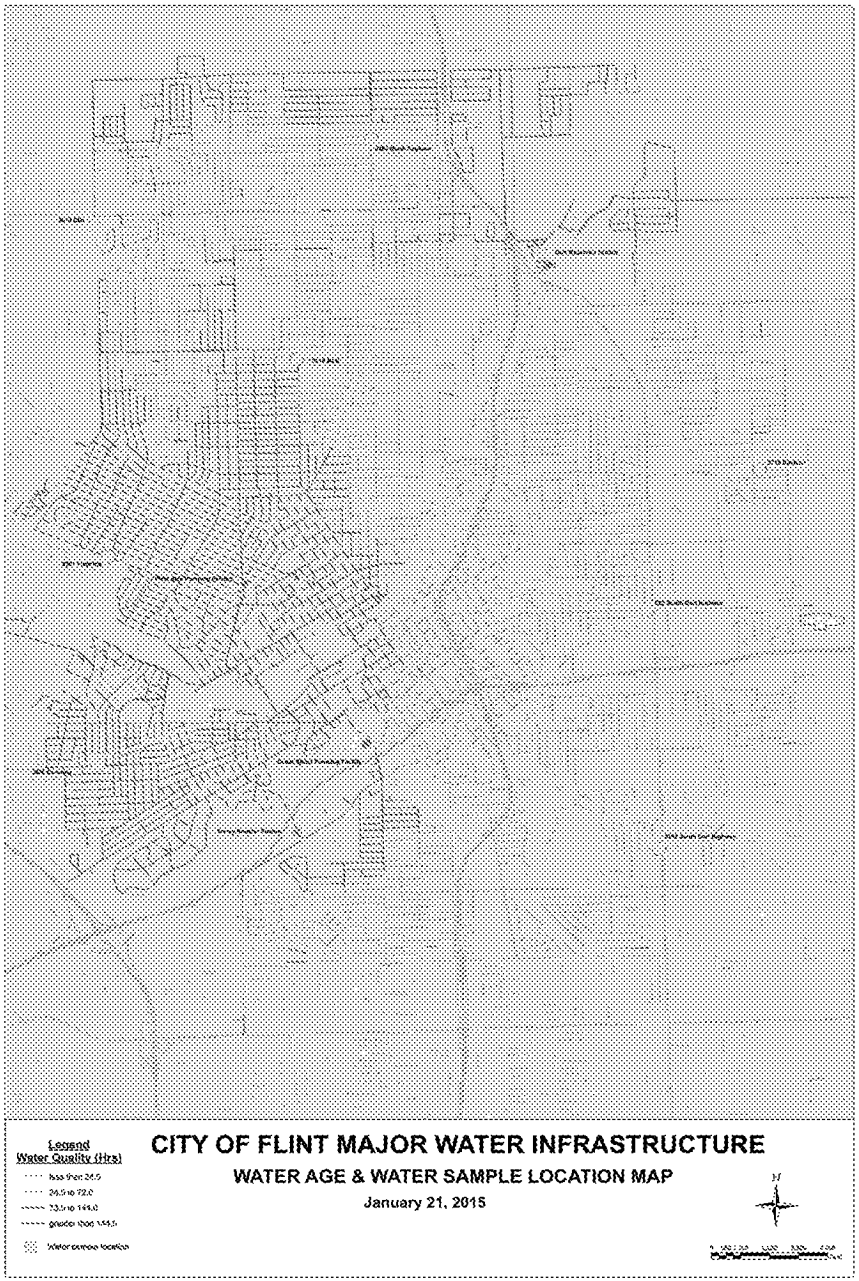

Ward 1 WLL = 16%
Ward 3 WLL = 18%
Ward 2 WLL = 25%
Ward 4 WLL = 6%
Ward 6 WLL = 26%
Ward 5 WLL = 32%
Ward 7 WLL = 28%
Ward 8 WLL = 20%
Ward 9 WLL = 30%
0 0.25 0.5 1 Miles
Flint City Wards
Major Streets
"Ward Y WLL = X.X%"
% of ward where any water sample exceeded 15 ppb
Predicted BLL based on Ordinary Kriging Geostatistical Analysis
0.7 - 0.75
0.76 - 1
1.01 - 1.25
1.26 - 1.5
1.51 - 1.75
1.76 - 2
2.01 - 2.25
2.26 - 2.5
2.51 - 2.75
2.76 - 3.36
*Non-residential zones screened from results


Legend
Water Quality (Hrs)
less than 24.0
24.0 to 72.0
72.0 to 144.0
greater than 144.0
Water service location
CITY OF FLINT MAJOR WATER INFRASTRUCTURE
WATER AGE & WATER SAMPLE LOCATION MAP
January 21, 2015

Pre/Post EBL

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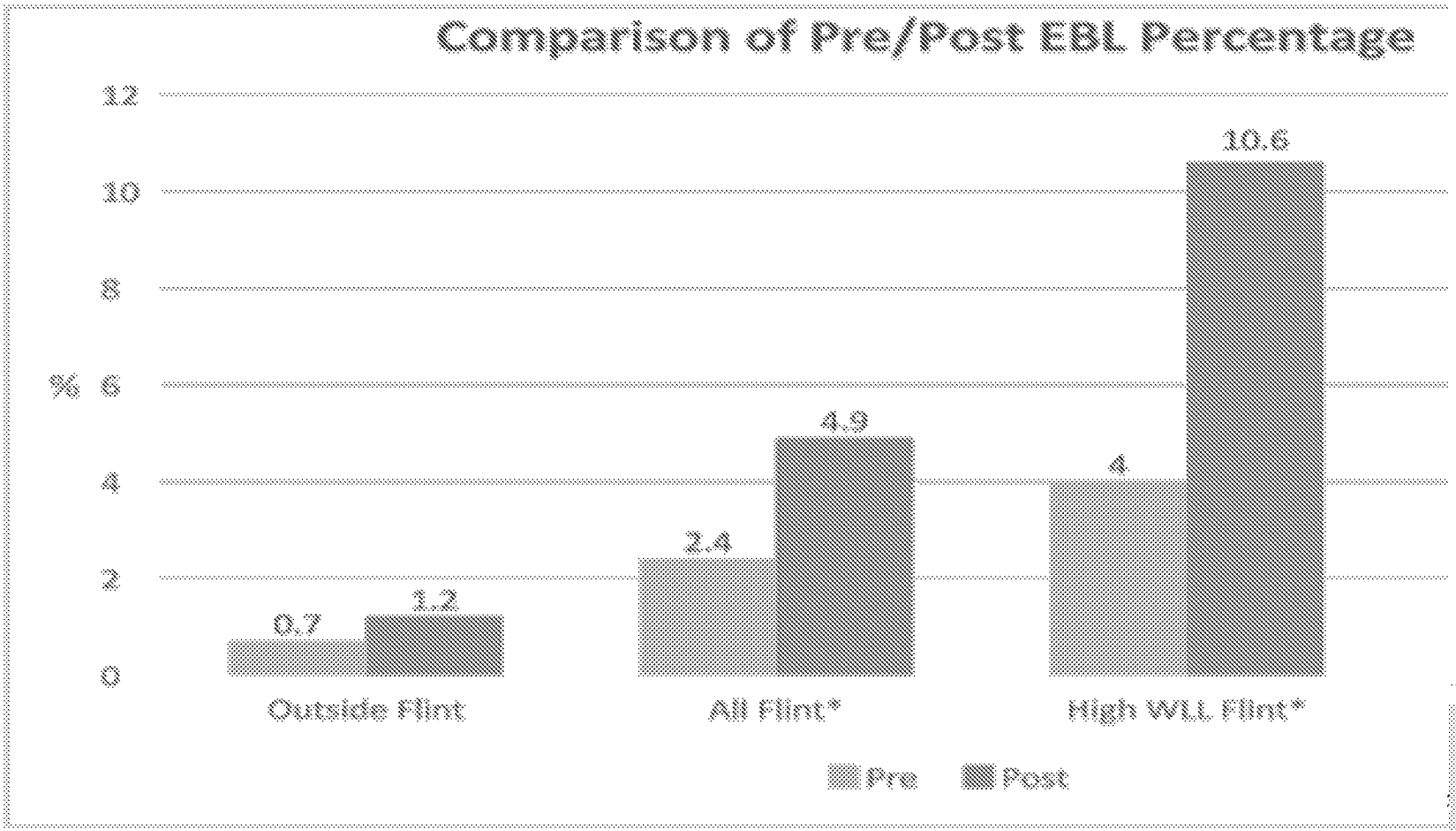

*p<0.05

Research results

- % of children with EBLL in Flint zips increased
  - Most striking increase in areas with highest water lead levels
- **Results significantly underestimate exposure:**
  - Infants not screened for lead
  - BLL may have peaked before being measured (blood half life 20-30 days)
  - Kids exposed in different settings throughout city
- Widened disparities
- Failure of primary prevention

What happened next?

- Sept 25 City of Flint Lead Health Advisory
- Sept 29 GCHD Health Advisory
- Oct 1 GCHD Public Health Emergency
- Oct 2 State filter program, increased water testing, expedited corrosion control
  - Oct 3 First filter distribution
- Oct 8 Three schools toxic WLL, announced reconnection to DWSD
- Oct 16 Water switched back to DWSD

Epigenetics

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Wayne State Researchers Discover Evidence That Lead Exposure in Mothers Can Affect Future Generations

Released: 2-Oct-2015 3:05 PM EDT
Source Newsroom: Wayne State University Division of Research

"A team of researchers at Wayne State University have discovered that mothers with high levels of lead in their blood not only affect the fetal cells of their unborn children, but also their grandchildren. "

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Now

- Preventable population-wide exposure
- Community traumatized
- Loss of trust in government and agencies
  - In 2015, in the middle of the great lakes, no guarantee of safe drinking water
- Ongoing public health emergency

Exposed Population

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- Currently identifying/labeling exposed population
- Cohort includes all children less than 6 years who at any time lived in Flint water limits (geocoded) from April 2014 to end date unknown (extend 9 months for fetal exposure).
- Per census data, approx. 8,000-9,000 children

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Quick Introduction to ACEs/Toxic Stress…

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Adverse Childhood Experiences (ACEs)

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- ACEs are potentially traumatic events that can have negative, lasting effects on health and well-being.
- Also referred to as toxic stress or childhood trauma.
- As number of ACEs increase, the risk for health problems increase in a strong and graded fashion.
- An ACE score of 6 or more results in a 20 year decrease in life expectancy.

- CDC ACE study
  - Kaiser Permanente from 1995 to 1997 with more than 17,000 participants.

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Toxic Stresses

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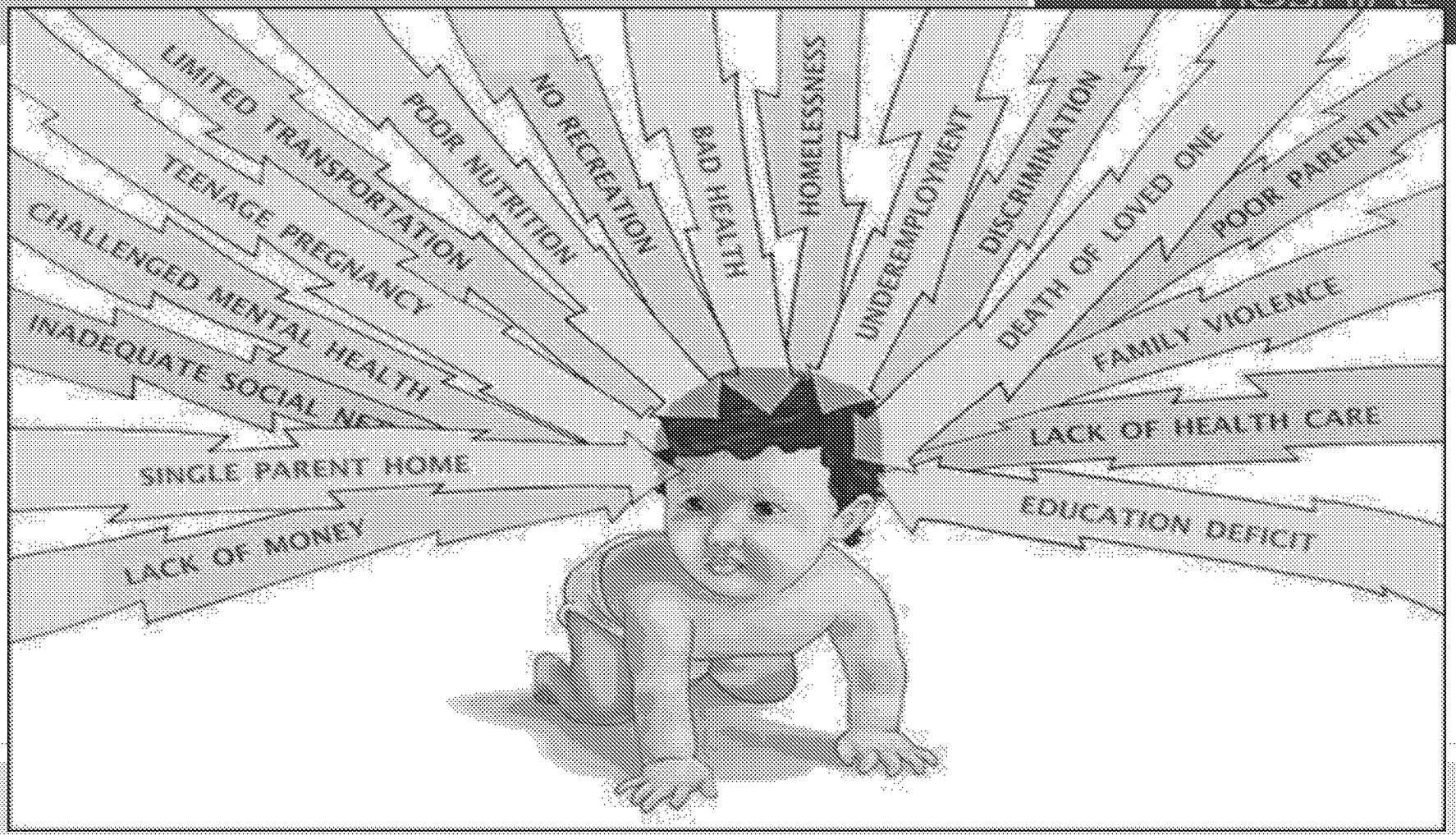

https://casaofsantacruz.wordpress.com/2014/10/08/continuing-education-webinar-how-toxic-stress-impacts-cas-children-families-communities-2/

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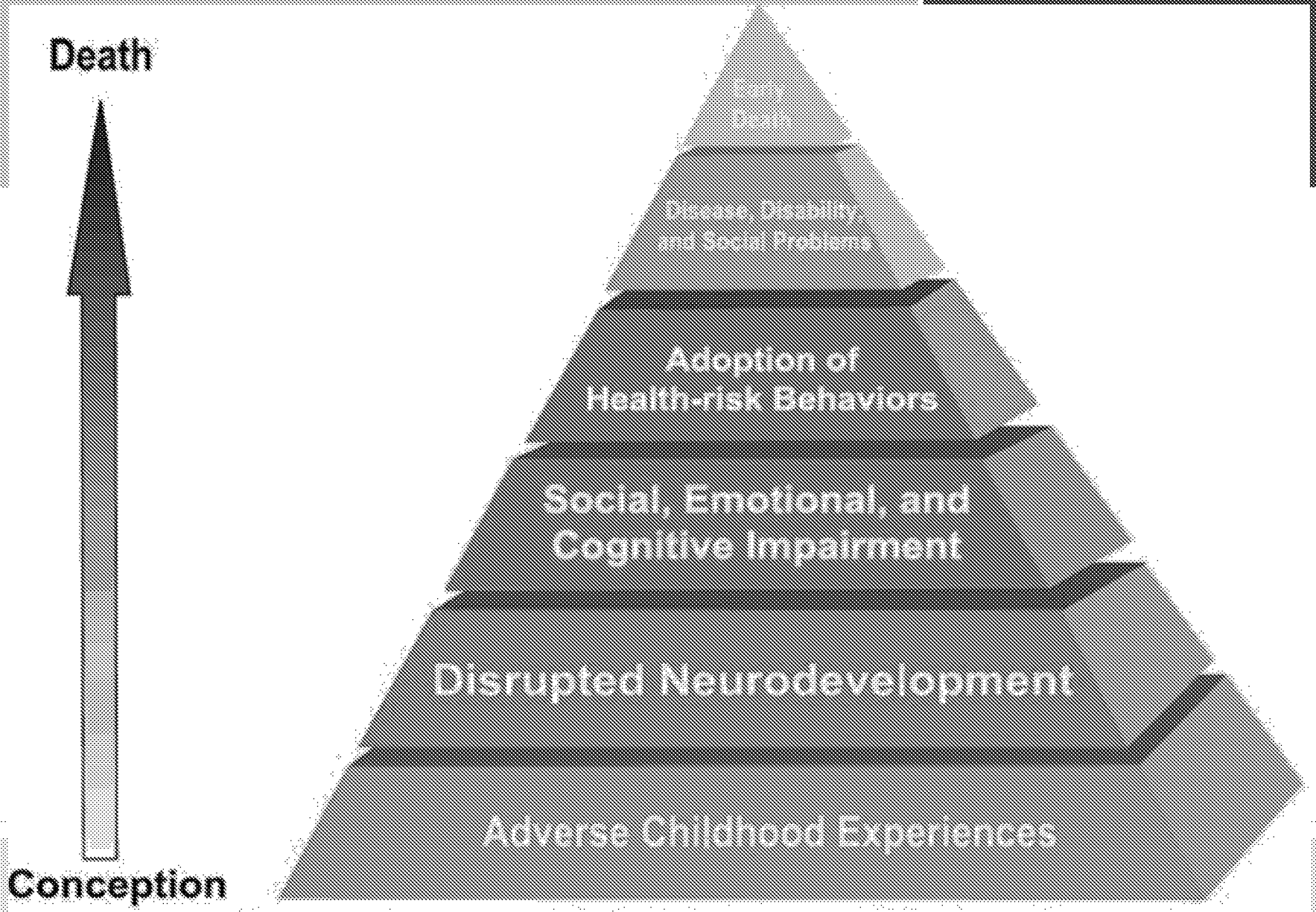

Mechanisms by Which Adverse Childhood Experiences Influence Health and Well-being Throughout the Lifespan

http://www.cdc.gov/violenceprevention/acestudy/

EPIGENETICS

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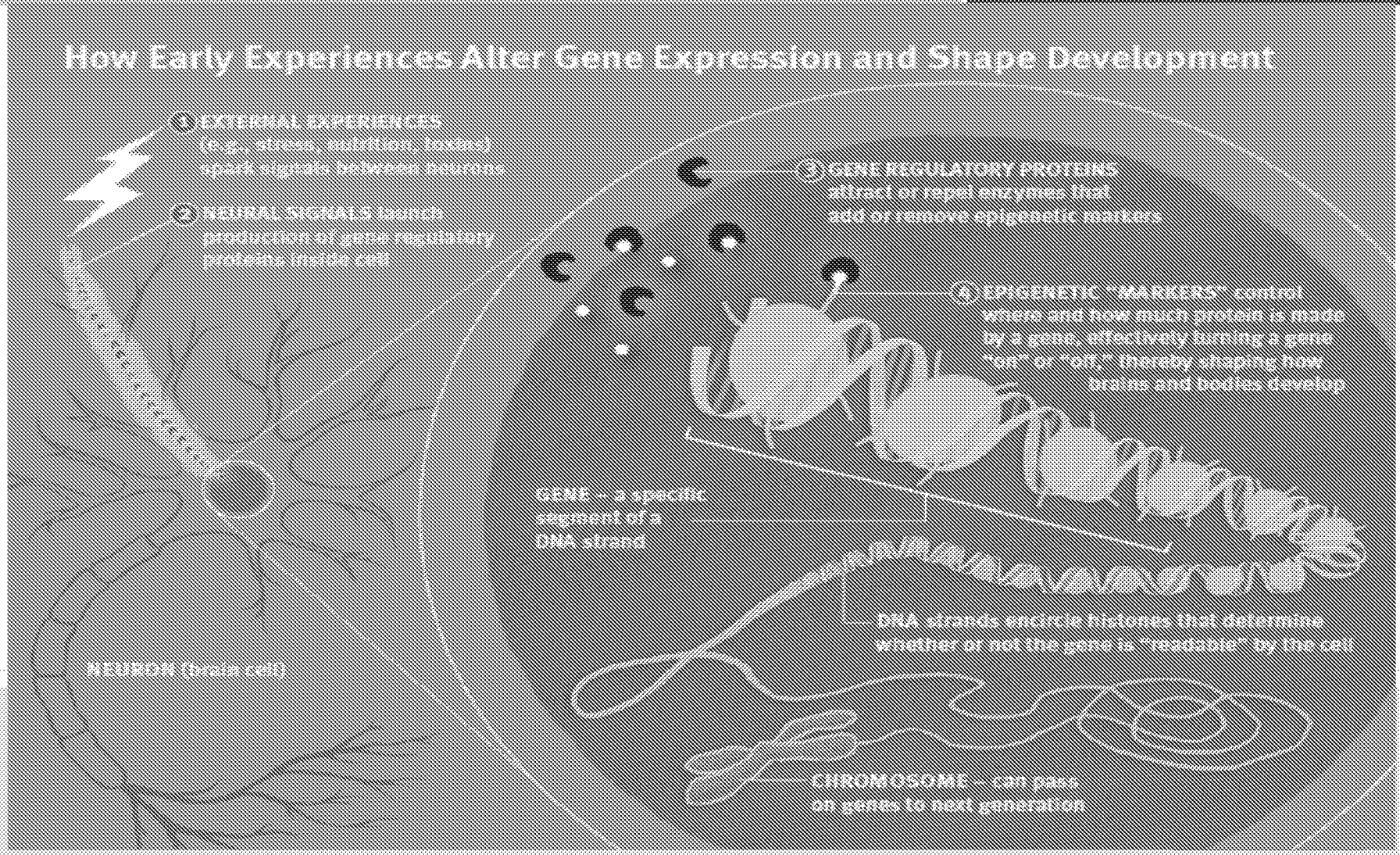

http://developingchild.harvard.edu/science/deep-dives/gene-environment-interaction/

ACE/Toxic Stress

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- Many chronic diseases/disparities in adults are determined decades earlier, by experiences in childhood (0-6 critical)
- Lead exposure is an ACE/toxic stress

Flint kids...

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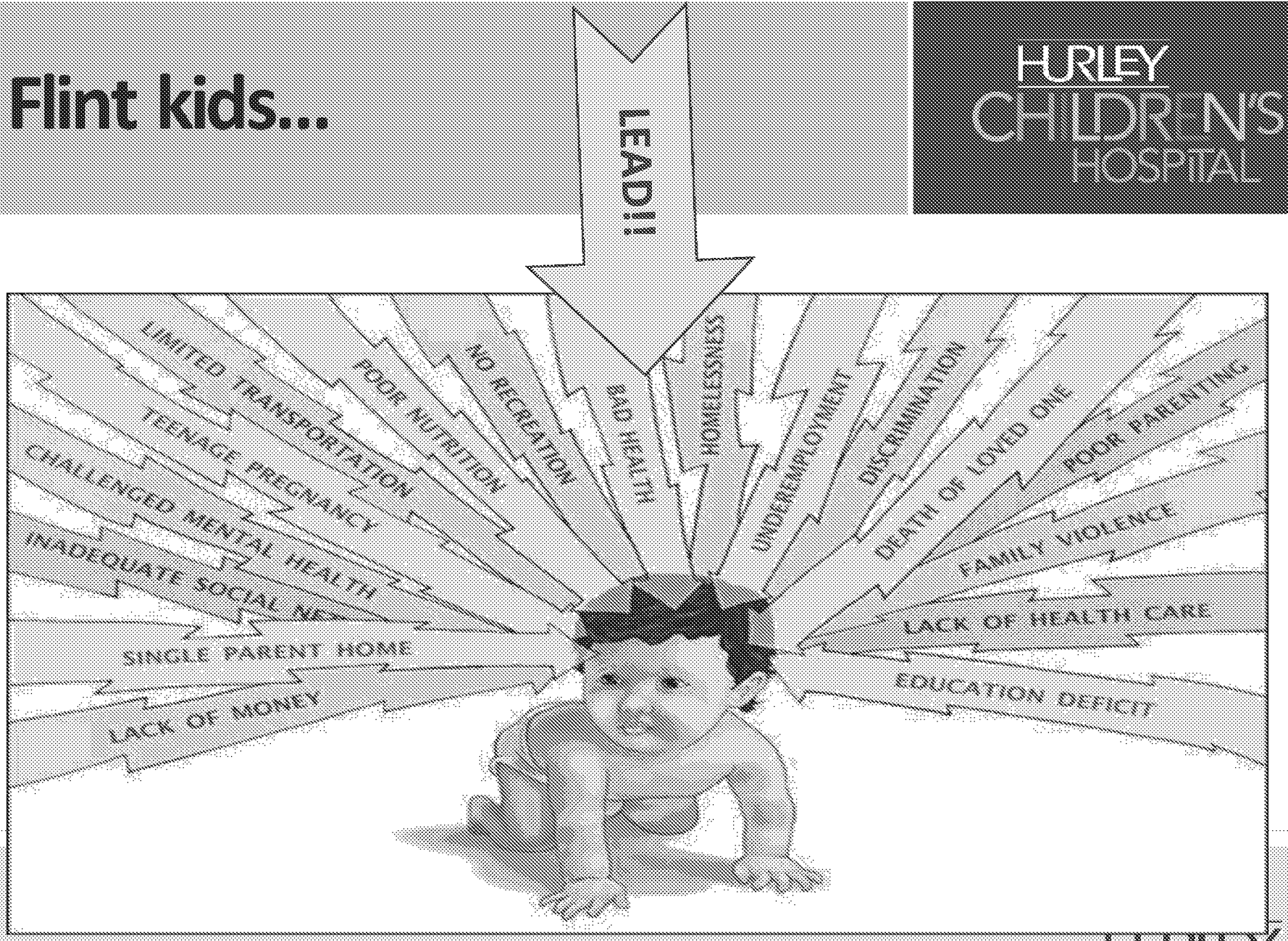

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- Now what can we do???

Research/Assessment

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- Assess the impact of the exposure
  - Health impact
    - BLL
    - Longitudinal neurodevelopmental f/u
    - Cord blood Pb, brain injury markers, epigenetics
    - Retrospective fetal deaths, IUGR
  - Nutrition impact
  - Psychosocial impact
  - Water quality/infrastructure impact
- Continued monitoring
  - Academic/public health collaborations

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Secondary Prevention

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- Unique opportunity to be proactive, to regain public trust, and to **buffer** impact of exposure
  - Short Term
  - Long Term

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Short-Term Secondary Prevention

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- Consistent, coordinated, multi-method, trusted messaging/education/risk communication/PSAs
  - Need for central command/hub/emergency response

Short-Term Secondary Prevention

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- Water still not safe (public health emergency)
  - Corrosion control optimization
  - Ongoing risk from scale disruption
  - Door to door filter/replacement distribution
    - # filters distributed approx 1/3 of homes
  - Public education re water precautions (filters, flushing, cold water, cooking, infants, etc)
  - Lead plumbing

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Secondary Prevention Evidence Based Interventions

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We know what works....

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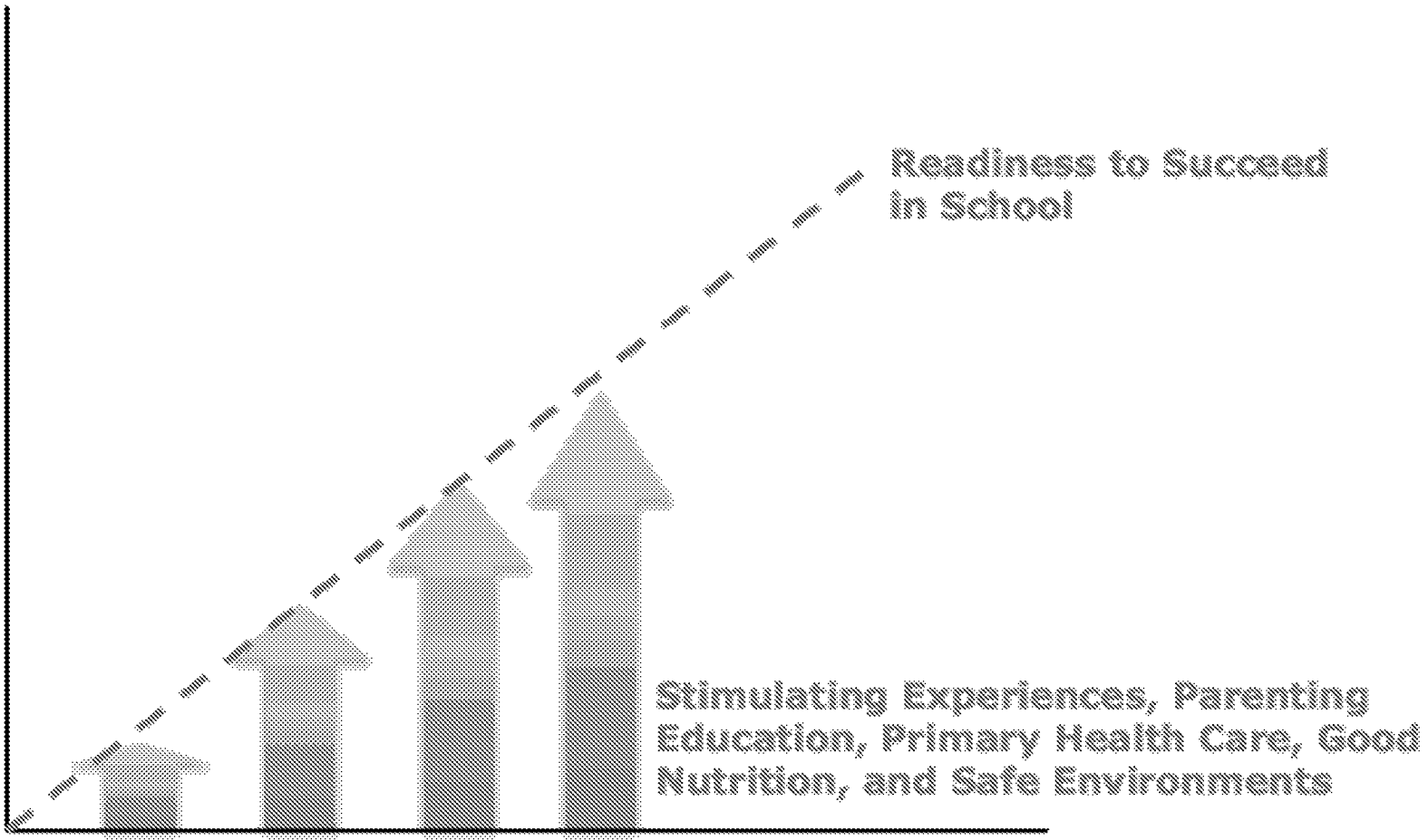

https://www.aap.org/en-us/advocacy-and-policy/federal-advocacy/Documents/Panel%201%20-%20Shonkoff%20Center%20on%20the%20Developing%20Child%20Presentation.pdf

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And we know what hurts...

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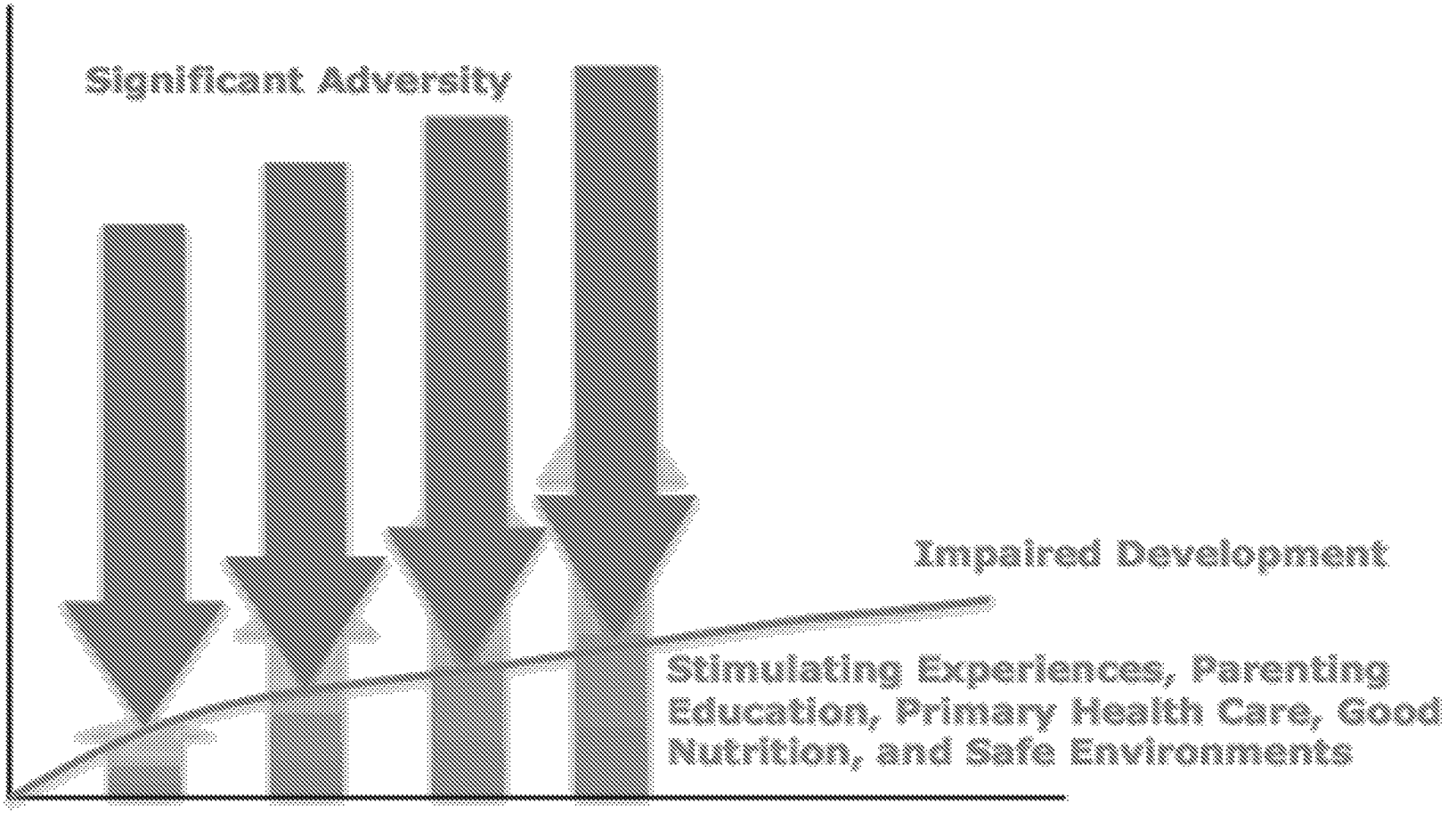

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Evidence Based Interventions

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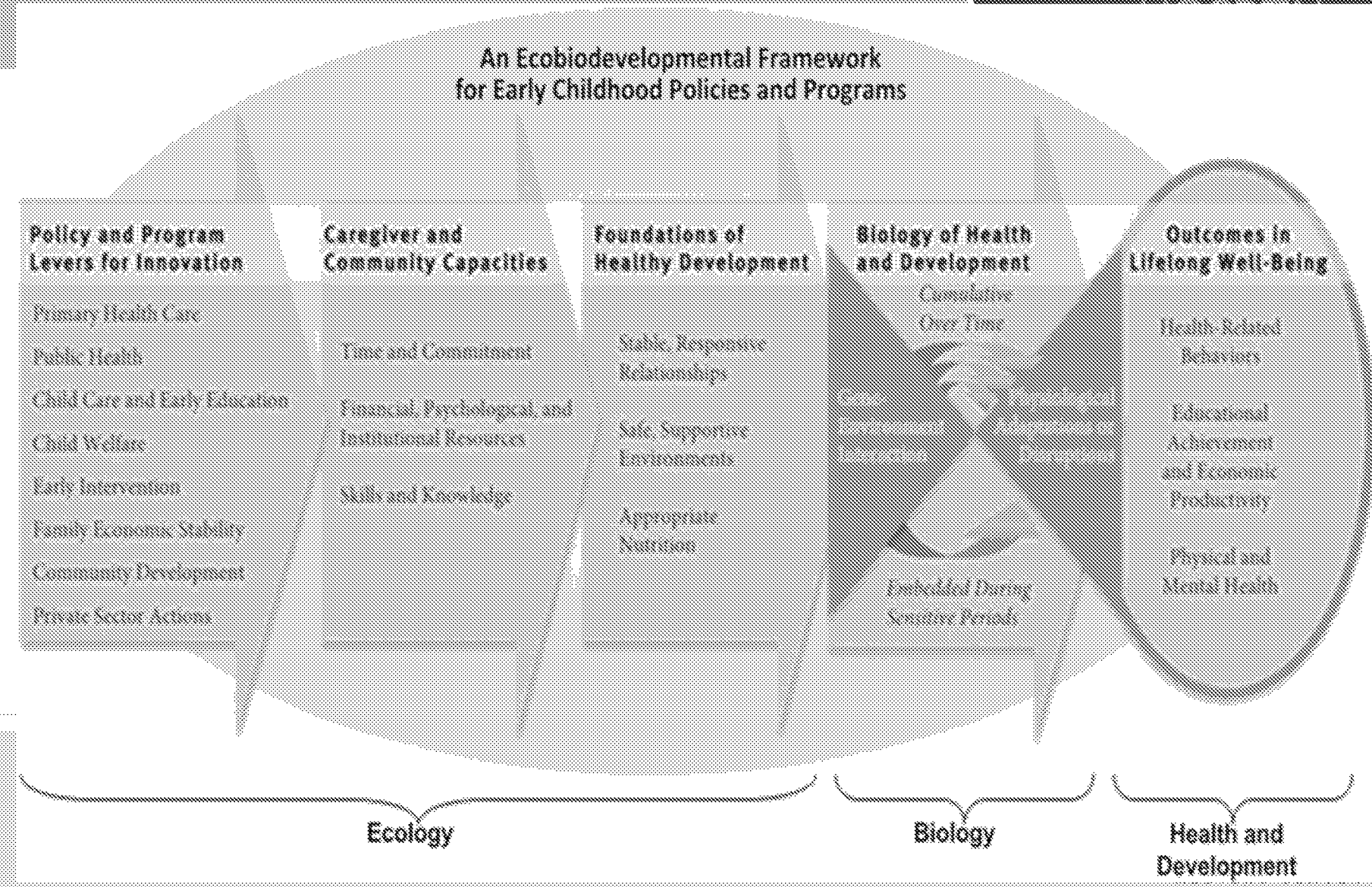

http://pediatrics.aappublications.org/content/129/1/e232/F2.expansion.html

#flintwatercrisis
Secondary Prevention

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- Medical/Health
- Nutrition
- Education
- Caregiver capacity
- Water quality

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Secondary Prevention
Medical/Health

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- Support and education for primary care providers regarding aggressive long-term neurodevelopmental screening & testing
- Improve access to Developmental and Behavioral (DBP) specialists, pediatric psychologists, pediatric psychiatrists
  - Preemptive referral to mental health/toxic stress screening
  - Support capacity building and/or incentivize recruitment to allow Genesee Health System (CMH) to build this capacity which is currently needed and lacking
- Increase recognition and education regarding trauma informed care, social determinants of health (SDOH)
- Consider health fund/enrollment in Children's Special Health Care Services (CSHCS) for exposed kids to cover long-term needs

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Secondary Prevention Medical/Health

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- Expand state-funded Genesee Health System (CMH) services
  - Infant Mental Health (30 capacity)
  - Child case management
  - Home-based services
  - Trauma informed care – trauma focused CBT

Secondary Prevention
Medical/Health

HURLEY CHILDREN'S HOSPITAL

- Role of Medicaid HMO plans:
  - Support to drive patients to medical home: enhanced transportation, case management, HEDIS monitoring, pt incentives, mental health access, etc
  - Reimbursement for integrated social work, registered dietician, mental health services, OT/PT services
  - Encourage collaboration/mandate support of Genesee Children's Healthcare Access Program (CHAP)

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Hurley Children's Clinic

Thinking Outside The Box

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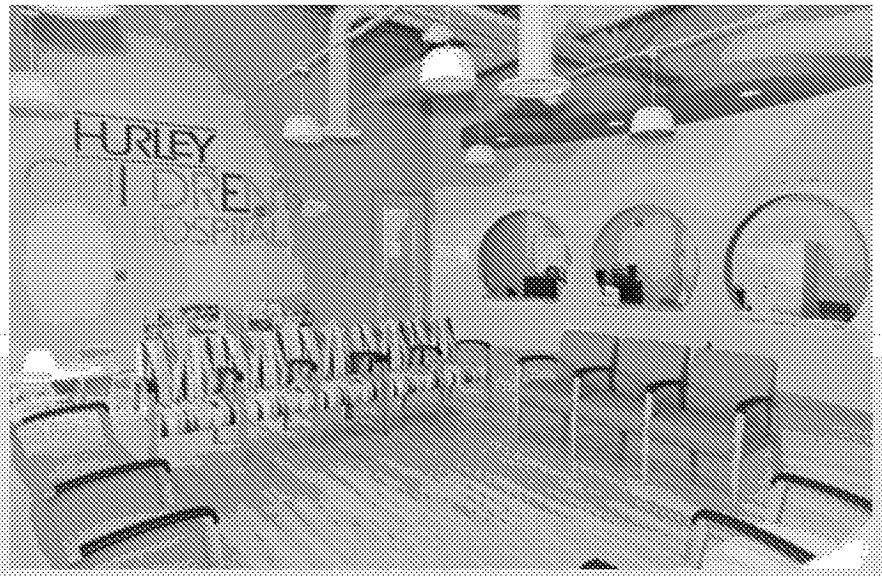

- Transportation
- Social work
- WIC RD/Nutrition
- Peds Psychology
- Training site

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Secondary Prevention
Nutrition

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- Short-term mitigation/protection
  - Promotion/education of Iron, Calcium, Vit C diets
- Promote enrollment and participation in pre-existing nutrition resources (WIC, SNAP, DUFB, MTA)
- Expand WIC eligibility, access (co-locate with PMD), benefits

Secondary Prevention
Nutrition

HURLEY CHILDREN'S HOSPITAL

- Improve food access/security efforts
  - Subsidies, pilots – grocery stores, mobile groceries, urban farming, etc
- Invest in breastfeeding promotion, education, and support services

Secondary Prevention
Education

- Subsidize quality childcare options
- Automatic referral/assessment by Early Intervention (Early On)
- Enroll all in early head start, head start
  - Universal Pre-school/Flint Pre-Promise
- Strengthen special education capacity/trained personnel

Secondary Prevention
Education

HURLEY CHILDREN'S HOSPITAL

- Invest in school health/wellness/behavioral health
  - School nurse:student ratio – MI ranked worst in country
  - 1:750 recommended
  - 1:6,500 Flint
- Place MDHHS employee at every school
- Model lead safe school campaigns
  - Proactive water testing, lead plumbing investigations
  - Lead mitigating school nutrition

Investing in Children: Younger The Better

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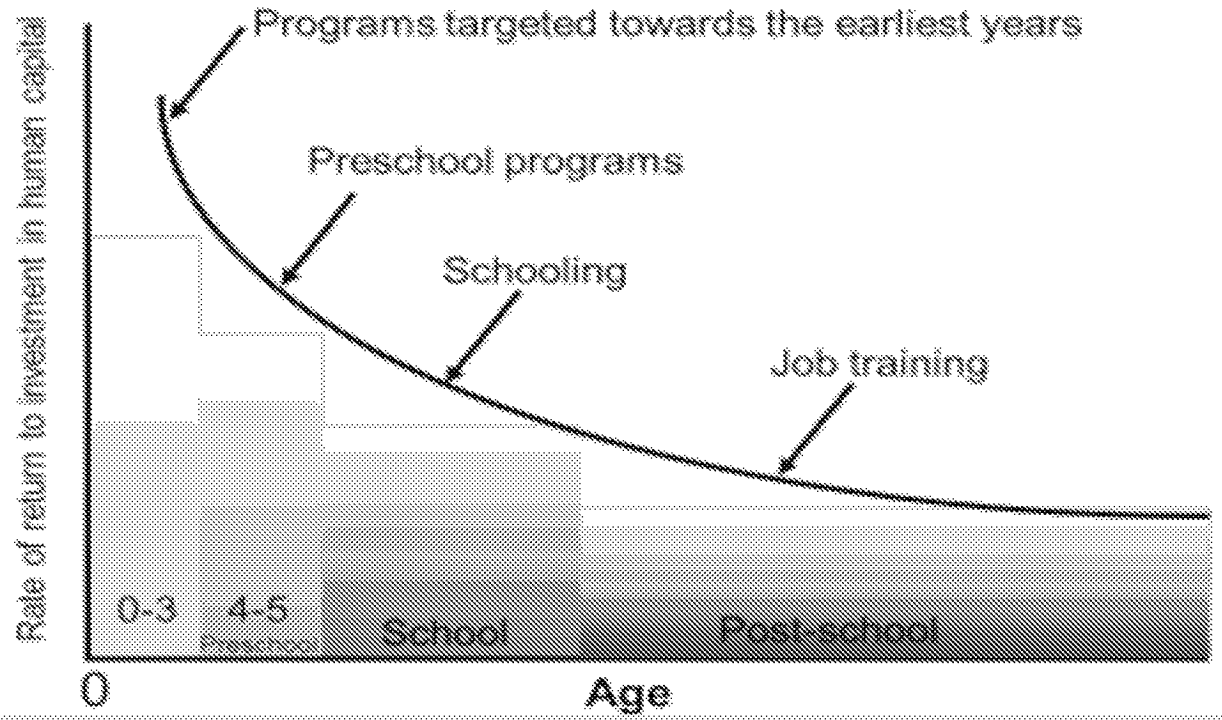
Rates of Return to Human Capital Investment at Different Ages: Return to an Extra Dollar at Various Ages



https://www.aap.org/en-us/advocacy-and-policy/federal-advocacy/Documents/Panel%202%20-%20Marks%20RWJF%20Presentation.pdf

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Secondary Prevention
Caregiver capacity

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- Toxic stress and resilience
  - "Strong, frequent, and/or prolonged activation of the body's stress-response system in the absence of the **buffering protection of a supportive, adult relationship**."

Shonkoff, J & Garner, A. (2012) The lifelong effects of early childhood adversity and toxic stress. Pediatrics, 129(1). 232-246.

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Secondary Prevention
Caregiver capacity

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- Need to support parents and programs to improve parenting skills
- Evidence-based parenting programs
  - Incredible Years (HCH AAP Grant)
  - Triple P
  - Everyday Parenting
  - Adventures in Parenting
  - Home visiting programs
  - Strengthening Families Framework
  - Maternal Infant Health Program (MIHP)
  - Healthy Start
  - Nurse Family Partnership (NFP)

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Nurse Family Partnership

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- 56% reduction in emergency room visits for accidents and poisonings in the second year of the child's life
- 50% reduction in behavioral problems when the children enter school.
- 48% reduction in state-verified reports of child abuse and neglect by child age 15
- 39% fewer healthcare encounters for injuries or ingesions in the first two years of life
- Increase in language scores

"Nurse-Family Partnership", Early Childhood, Social Programs That Work, Coalition for Evidence-Based Policy
hVp://evidencebasedprograms.org/wordpress/?page_id=57

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Secondary Prevention
Caregiver capacity

HURLEY CHILDREN'S HOSPITAL

- Increase support for state-funded NFP, Healthy Start and MIHP
  - Hurley-run NFP capacity for 100

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Secondary Prevention
Water Safety/Infrastructure

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- Opportunity to model best practices for lead in water monitoring to protect public health rather than a focus on minimum compliance
  - EPA Flint Safe Drinking Water Taskforce
- Flint will change water source and treat water again once connected to KWA (2016), should not be rushed
- Full lead plumbing replacement (can be targeted)

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Next Steps

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- Primary prevention failed
  - Preventable population-wide exposure
- Secondary prevention must be priority

- Invest and prioritize in evidence based interventions that mitigate exposure and build childhood resilience
  - Ages 0 to 6 years critical for life course trajectory

Top Five Interventions

HURLEY CHILDREN'S HOSPITAL

1. Support for emergency response
2. Increase funding/capacity for home visiting maternal-infant support programs
3. Guarantee Flint Pre-Promise (3-5 year quality early education)
4. Fund RN in every Flint school
5. Encourage innovative Medicaid HMO plan and medical home initiatives (ie: CHAP)

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It's easier to build strong children than to repair broken men.

Frederick Douglass, 1855

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Additional Resources

HURLEY CHILDREN'S HOSPITAL

- Harvard Center for Developing Child
  - http://developingchild.harvard.edu/
- AAP Toxic Stress Resources
  - https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/EBCD/Pages/Public-Health-Approach.aspx
- Strengthening Families: A Protective Factors Framework
  - http://www.cssp.org/reform/strengtheningfamilies
- CDC ACE Study
  - http://www.cdc.gov/violenceprevention/acestudy/
- *Pediatrics* articles
  - AAP Policy Statement: Early Childhood Adversity, Toxic Stress, and the Role of the Pediatrician: Translating Developmental Science Into Lifelong Health
  - AAP Technical Report: The Lifelong Effects of Early Childhood Adversity and Toxic Stress

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#flintwatercrisis

HURLEY CHILDREN'S HOSPITAL

Thank you!

HURLEY MEDICAL CENTER

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 4:43 PM
To: 'Gary Ridley'
Subject: RE: Stabenow comment on Flint water

Hi Gary,

Looking back, I'm not sure I was clear in my response about one point.

We are committed to protecting the health of children in Flint now and into the future, and helping anyone who has been affected by the water challenges in Flint. We're already taking the steps called for in Gov. Snyder's action plan, and are working with the Flint Water Task Force to see what additional actions it recommends to help children and adults and address any issues that were created by this situation.

Is that more clear? Let me know.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 2:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Dave,
I appreciate the quick response. But, I need to follow up since some things have changed since my previous email.

I just sat down with U.S. Rep. Dan Kildee who is calling for a locally-managed, state-funded health fund that would help identify and track health issues for those kids potentially impacted by the lead situation.

Would the governor be on board with this idea? Has he had discussions on creating this sort of fund?

Thanks again.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI obile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 22, 2015 4:43 PM
To: Egan, Paul
Cc: Murray, David (GOV)
Subject: RE: Flint water

Paul, Thanks for the inquiry.

Most of these questions regard issues presently before the Governor's independent after action review panel. We don't want to get in front of that review. With the review group taking a close look at the past, the DEQ is now focused on present and future challenges related to implementing the Governor's 10-point plan.

To your final question, the department went through DTMB to confirm that the reply to Ms. Walters was sent to her email address and received by that address. I can forward it if you need to see it.

b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI cell)

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Monday, December 21, 2015 3:44 PM
To: Wurfel, Brad (DEQ)
Cc: Rosenthal, Adam (DEQ); Busch, Stephen (DEQ)
Subject: Flint water

Hi Brad: I am working on an update/wrap-up on the Flint water issue. I have a few questions and I am hoping you can provide answers by the end of the day Tuesday. I am also copying two DEQ officials referenced in the questions, in case they want to answer directly. The questions are based on e-mails obtained through FOIA by Virginia Tech researcher Marc Edwards, and by the Michigan ACLU.

1/ Have any DEQ officials been re-assigned or disciplined in relation to the Flint drinking water issue, other than Liane Shekter Smith?

2/ Why did Stephen Busch say in a Feb. 27 e-mail to the EPA that Flint had "an optimized corrosion control program" when in fact Flint had no corrosion control program?

3/ On June 25, Adam Rosenthal of the DEQ's Office of Drinking Water and Municipal Assistance sent an e-mail about the water samples to Michael Glasgow, a utilities administrator with the City of Flint. "Just wanted to remind you/confirm that Flint is on track for a few items," Rosenthal wrote in the e-mail.

"We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they are will be (sic) below the AL (action level) for lead," the e-mail said. "As of now with 39 results, Flint's 90th percentile is over the AL for lead."

Was Rosenthal encouraging Flint to collect samples that would be below the action level for lead? Many people are reading his e-mail that way. Is there any reason why I should not?

4/ Why was the DEQ strict in 2015 about disqualifying the sample with a high reading from the home of LeeAnne Walters, for the stated reason that she used a water filter, but not strict in disqualifying other samples for other reasons that could have been used, such as that they were not among the 100 homes that were sampled in 2014, or that they did not come from homes at high risk for lead (for example the homes on Flushing Road that had received a new water main in 2007?) Why is it that of the homes sampled in 2014, only homes that had tested below the AL for lead were sampled again in 2015 and none of the homes that had sampled above the AL for lead in 2014 were sampled again in 2015? Were the samples being cherry picked, as some have suggested?

5/ LeeAnne Walters says she never received a promised letter or email that was to follow up with her from the Aug. 4 meeting in Lansing with DEQ officials and aides to the Governor. Was she ever sent the letter, which was to explain to her, among other items, why the sample from her home was disqualified?

Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 4:46 PM
To: Holland, Meegan (GOV)
Subject: FW: Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 22, 2015 4:43 PM
To: Egan, Paul <pegan@freepress.com>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water

Paul, Thanks for the inquiry.

Most of these questions regard issues presently before the Governor's independent after action review panel. We don't want to get in front of that review. With the review group taking a close look at the past, the DEQ is now focused on present and future challenges related to implementing the Governor's 10-point plan.

To your final question, the department went through DTMB to confirm that the reply to Ms. Walters was sent to her email address and received by that address. I can forward it if you need to see it.

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Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Gary Ridley <GRIDLEY@mlive.com>
Sent: Tuesday, December 22, 2015 4:57 PM
To: Murray, David (GOV)
Subject: Re: Stabenow comment on Flint water

Got it. Thanks.

Sent from my iPhone

On Dec 22, 2015, at 4:42 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Gary,
>
> Looking back, I'm not sure I was clear in my response about one point.
>
> We are committed to protecting the health of children in Flint now and into the future, and helping anyone who has been affected by the water challenges in Flint. We're already taking the steps called for in Gov. Snyder's action plan, and are working with the Flint Water Task Force to see what additional actions it recommends to help children and adults and address any issues that were created by this situation.
>
> Is that more clear? Let me know.
>
> Dave
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
>
>
> **From:** Gary Ridley [mailto:GRIDLEY@mlive.com]
> **Sent:** Tuesday, December 22, 2015 2:41 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** RE: Stabenow comment on Flint water
>
> Dave,
> I appreciate the quick response. But, I need to follow up since some things have changed since my previous email.
>
> I just sat down with U.S. Rep. Dan Kildee who is calling for a locally-managed, state-funded health fund that would help identify and track health issues for those kids potentially impacted by the lead situation.

Would the governor be on board with this idea? Has he had discussions on creating this sort of fund?

Thanks again.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

---

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--

Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Kelenske, Chris (MSP)
Sent: Tuesday, December 22, 2015 5:09 PM
To: Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Murray, David (GOV)
Subject: RE: Request of Action Items/Resource Requests

The county advised they will help anyway they can and they are united with the city on this; however, they did not indicate they were going to declare an emergency at the meeting as they have not gotten any specific requests from the city. If the county declares an emergency, they have to provide EMHSD with what **specific** assistance is needed to **supplement** local response and recovery efforts.

I also advised the Mayor that a governors declaration is not needed to provide assistance outside of the Emergency Management Act (for example, the resources already provided by the state). The Act is one mechanism we have to assist but not the only one and not necessarily always the appropriate one to get us to the end state or goal.

It is important to note that a federal declaration of a disaster (under the Stafford Act and what the media keeps saying is needed) is not applicable here as federal disaster declarations (versus federal emergency declarations) are for natural disasters only (not man-made) and the City Administrator, Natasha Henderson, advised everyone this is a man-made event...I think she understands all of this.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Hollins, Harvey (GOV)
Sent: Tuesday, December 22, 2015 4:34 PM
To: Baird, Richard (GOV)
Cc: Kelenske, Chris (MSP); Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Murray, David (GOV)
Subject: Re: Request of Action Items/Resource Requests

What was the outcome of yesterday's discussion re the declaration of an emergency by the county?

Best,
Harvey

On Dec 22, 2015, at 4:29 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Thank you, Captain. I have also copied Harvey Hollins and our Comms leadership as well.

From: Kelenske, Chris (MSP)
Sent: Tuesday, December 22, 2015 2:40 PM
To: Baird, Richard (GOV)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP)
Subject: Request of Action Items/Resource Requests

Sir

This morning I requested from the Flint City Administrator, Natasha Henderson, the list of resources they have determined they need to see how we may be able to assist at this time. The county will also look at this to see what they can do. I will forward it as soon as I get it or hear otherwise.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 6:26 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: New query from the Rachel Maddow Show

The transition advisory boards are very, very different from emergency managers, of course. I've been trying to round up the dates for you, but having trouble reaching the experts on that after hours. Will let you know if I can get specifics.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thanks, Dave.

Can you tell us, please, when the other municipalities will no longer have local decisions subject to transition advisory boards, as listed on the Treasury Department's website? http://www.michigan.gov/treasury/0,4679,7-121-1751_51556_64472-201116--,00.html

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 3:53 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello Laura,

I've just checked with the Michigan State Police's Emergency Management and Homeland Security Division. No formal request from Genesee County has been made to the state at this point. A district coordinator assigned to that region has been **working closely with city and county leaders**, and will continue to do so. The state remains in close contact with the Mayor and County Commission to help them determine what could be the most effective course for both to receive

the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to obtain federal assistance.

There is something I think you should know about. Today, Lincoln Park was returned to local control. This is the first time **in 15 years** that no Michigan municipality has had oversight from an emergency manager. There are still three school districts with such oversight. Keep in mind that emergency managers have been in place in Michigan for 10 years prior to Gov. Snyder. There appeared to be some confusion about that in the first report.

Dave

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MurrayD1@michigan.gov
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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water

infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.

* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

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Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 22, 2015 6:27 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Thank you. I appreciate the help. If the dates are knowable, it would be good to know them. I don't need them right away, though, so please don't stay late on account of that.

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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.

* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Minicuci, Angela (DHHS)
Sent: Wednesday, December 23, 2015 1:43 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Holland, Meegan (MDOS)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Quealy, Erica (DHHS)
Subject: Updated Flint Blood Lead Report
Attachments: Flint EBL Data Press Release 122315.docx; Flint Blood Testing Report 23Dec15.docx

Hello everyone,

This afternoon we will be issuing the attached press release about the updated Flint blood lead level report, as well as the report itself.

Of note, this report has changed slightly. Under past reports, people with an age of 5 ½ or 17 ½ were rounded up to be in the 6-17 and 18 and older columns because of the way the data was pulled. They are now under the proper categories so while they may have switched which age bracket they fell into, the total numbers remain the same.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
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www.michigan.gov/mdhhs

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STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 23, 2015

CONTACT: Angela Minicuci
(517) 241-2112

Updated summary report on Flint blood lead level data now available

LANSING, Mich. – The Michigan Department of Health and Human Services today issued its bi-weekly summary report on lead testing in Flint. Preliminary data indicate that 43 of 2,182 adults and children tested had elevated blood lead levels since Oct. 1.

"In partnership with the Genesee County Health Department, we are working to engage and provide resources to residents to reduce all potential exposures to lead," said Dr. Eden Wells, MDHHS chief medical executive. "Case management and home lead analysis are available for families in which an elevated blood lead level has been detected."

The first MDHHS summary report on blood lead levels in Flint was issued Dec. 3, 2015. Updated reports are posted on a bi-weekly basis on the www.michigan.gov/flintwater website. After refining our methods to identify age, some people are now counted in a different age group than on previous reports. The total counts for each year have not changed.

The report includes both capillary and venous blood tests, and people who have had multiple tests are counted only once. Tests and their results cover the time since the state action plan was put in place on Oct. 2, and capture the number of elevated blood lead levels greater than 5 micrograms per deciliter.

MDHHS, together with the Genesee County Health Department (GCHD), is working with local partners to distribute educational information around lead testing and prevention. Supplemental state dollars are funding GCHD nurses to work with families when an elevated blood lead level is detected.

Families with an elevated blood lead level can also choose to have a nurse coordinate an environmental health investigation in their home to help identify lead exposures, which could be lead from paint, soil, plumbing, and other sources. Families with questions about their blood lead levels or test results are also encouraged to contact their primary care physician or local health department.

In addition to mandated testing at ages one and two for the Medicaid population, MDHHS is coordinating with its Medicaid health plans and provider communities to recommend blood lead testing for any child younger than six years of age in Flint who has not previously been tested. The state, in coordination with GCHD, developed and issued a Health Alert Network (HAN) notification for local providers to help ensure consistent messaging and protocols among primary care providers.

-MORE-

Free water filters and replacement cartridges are available to Flint residents. For a full list of locations and hours of distribution, or to view the full blood lead level report, visit www.michigan.gov/flintwater. The summary will be updated as more data becomes available.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For this and other updates, visit www.michigan.gov/flintwater.

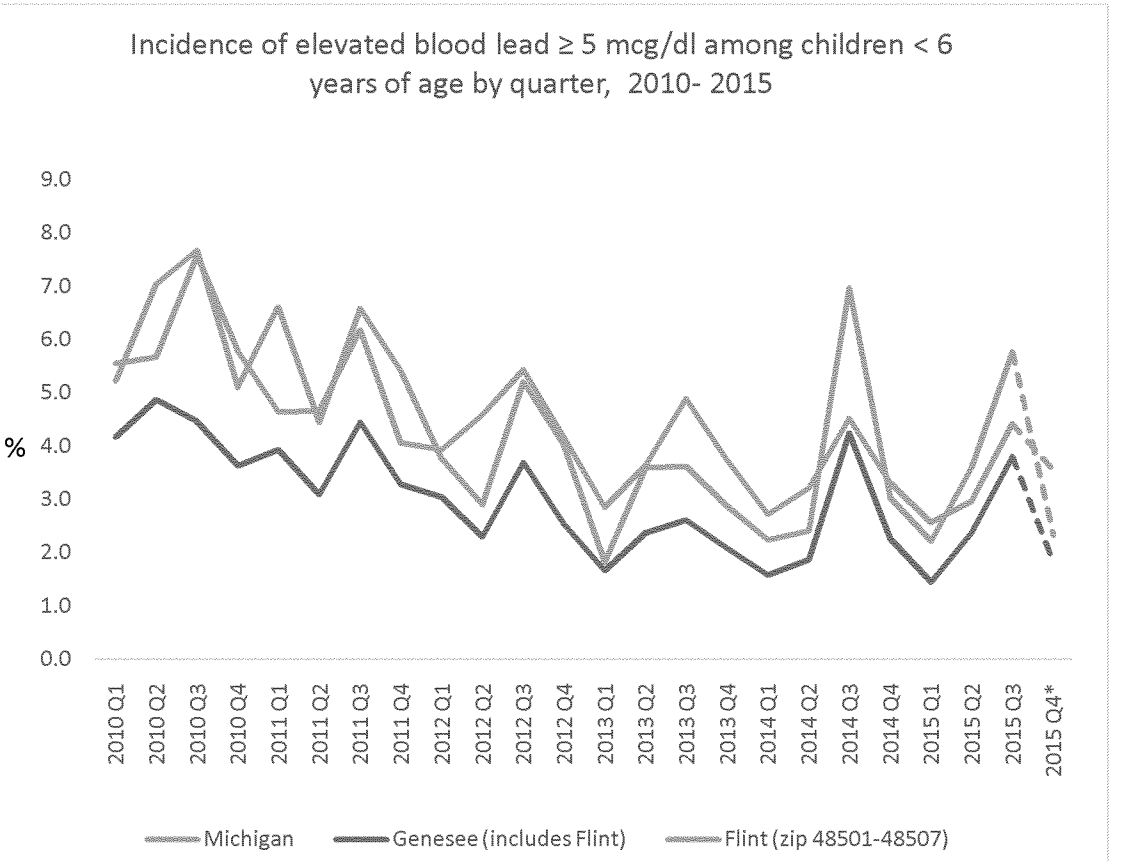
# # #

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507, Genesee County, and the State of Michigan
Summary as of December 18, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 2,182 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 30 children with blood lead levels greater than or equal to 5 mcg/dL (micrograms lead per deciliter of blood) since 10/1/2015.
- 2.3 percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5 mcg/dL.
- After refining our methods to identify age, some people are now counted in a different age group than on previous reports. The total counts for each year have not changed.



Deduplicated by year,retains test during the time period. *Data for Q4 2015 are incomplete

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	156,014	7,053	3,630	14,729	760	400
Number of test results ≥ 5 mcg/dL 1/1/2010 to 12/31/2010:	9,754	306	230	665	17	12
Total tested for lead from 1/1/2011 to 12/31/2011:	152,333	6,760	3,145	12,959	959	499
Number of test results ≥ 5 mcg/dL 1/1/2011 to 12/31/2011:	7,571	252	182	474	19	13
Total tested for lead 1/1/2012 to 12/31/2012:	149,037	7,152	3,198	12,710	1,259	561
Number of test results ≥ 5 mcg/dL 1/1/2012 to 12/31/2012:	6,832	210	130	351	13	9
Total tested for lead 1/1/2013 to 12/31/2013:	148,400	7,132	3,142	11,428	1,109	505
Number of test results ≥ 5 mcg/dL 1/1/2013 to 12/31/2013:	5,720	158	96	269	7	3
Total tested for lead 1/1/2014 to 12/31/2014:	143,838	6,820	3,102	10,562	788	372
Number of test results ≥ 5 mcg/dL 1/1/2014 to 12/31/2014:	5,051	178	122	285	6	5
Total tested for lead 1/1/2015 to 12/18/2015:	135,132	6,590	3,162	9,762	1,335	906
Number of test results ≥ 5 mcg/dL 1/1/2015 to 12/18/2015:	4,627	158	109	247	10	8
Total tested for lead* 10/1/2015 to 12/18/2015:	27,859	1,701	989	2,449	748	602
Number of test results ≥ 5 mcg/dL 10/1/2015 to 12/18/2015:	987	31	23	65	8	7

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,681	588	188	184,424	8,401	4,218
Number of test results ≥ 5 mcg/dL 1/1/2010 to 12/31/2010:	1,459	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,112	528	132	178,404	8,247	2,726
Number of test results ≥ 5 mcg/dL 1/1/2011 to 12/31/2011:	1,367	43	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	12,914	539	148	174,661	8,950	3,907
Number of test results ≥ 5 mcg/dL 1/1/2012 to 12/31/2012:	1,414	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,081	484	132	171,909	8,725	3,779
Number of test results ≥ 5 mcg/dL 1/1/2013 to 12/31/2013:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,574	436	111	166,974	8,044	3,585
Number of test results ≥ 5 mcg/dL 1/1/2014 to 12/31/2014:	1,420	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	13,009	1,134	720	157,903	9,059	4,788
Number of test results ≥ 5 mcg/dL 1/1/2015 to 11/13/2015:	1,336	46	19	6,210	214	136
Total tested for lead* 10/1/2015 to 11/13/2015:	3,143	769	591	33,451	3,218	2,182
Number of test results ≥ 5 mcg/dL 10/1/2015 to 11/13/2015:	323	22	13	1,375	61	43

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	A
1	Data were drawn from the MDHHS datawarehouse based on specimen date.
2	Data in this work book were created using the SAS Code outlined below. Code was modified to create datasets for each year.
3	Deduplication occurred for the time period of the year and at the state level.
4	Highest positive Venous test is retained, if no venous test, highest capillary test is retained, then highest test of unknown type.
5	Age is calculated using date subtraction method to align with the Lead Prevention program data. Previous results used INTCK function to potentially align with Medicaid or other claims data.
6	SAS Code
7	libname pb 'T:\MCH Vital Records Data\Genesee Lead'; *Secured folder accessable only by Patti, Yan, Sarah R, and Cristin;
8	
9	options fmtsearch = (pb) NOFMTERR;
10	
11	/*Michigan Lead Data from 01/01/2015 to 12/18/2015*/
12	
13	Data mi2015;
14	Set pb.mi20151218;
15	run; *n=170218;
16	
17	data mi2015;
18	set mi2015;
19	format Specimen_date MMDDYY10.;
20	format date_reported MMDDYY10.;
21	
22	Interval=intck('day',Specimen_date, date_reported);
23	
24	If '01jan2015'd<=specimen_date <='31mar2015'd then Quarter='Q1';
25	else if '01apr2015'd<=specimen_date <='30jun2015'd then Quarter='Q2';
26	else if '01jul2015'd<=specimen_date <='30sep2015'd then Quarter='Q3';
27	else if '01oct2015'd<=specimen_date <='31dec2015'd then Quarter='Q4';
28	
29	/*Age=intck('year',DATE_OF_BIRTH,Specimen_date);*/
30	
31	Age=(Specimen_date-DATE_OF_BIRTH)/365.25;
32	
33	if age=. then age_grp=' ';
34	else if age<6 then age_grp='1) <6 years';
35	else if age<18 then age_grp='2) 6 to 17 years';
36	else if age>=18 then age_grp='3) 18 + years';
37	
38	IF PB_RESULT =. THEN PB2 = ' ';
39	ELSE IF PB_RESULT < 5 THEN PB2 = '1) <5 ';
40	ELSE IF PB_RESULT >= 5 THEN PB2 = '2) >=5';
41	

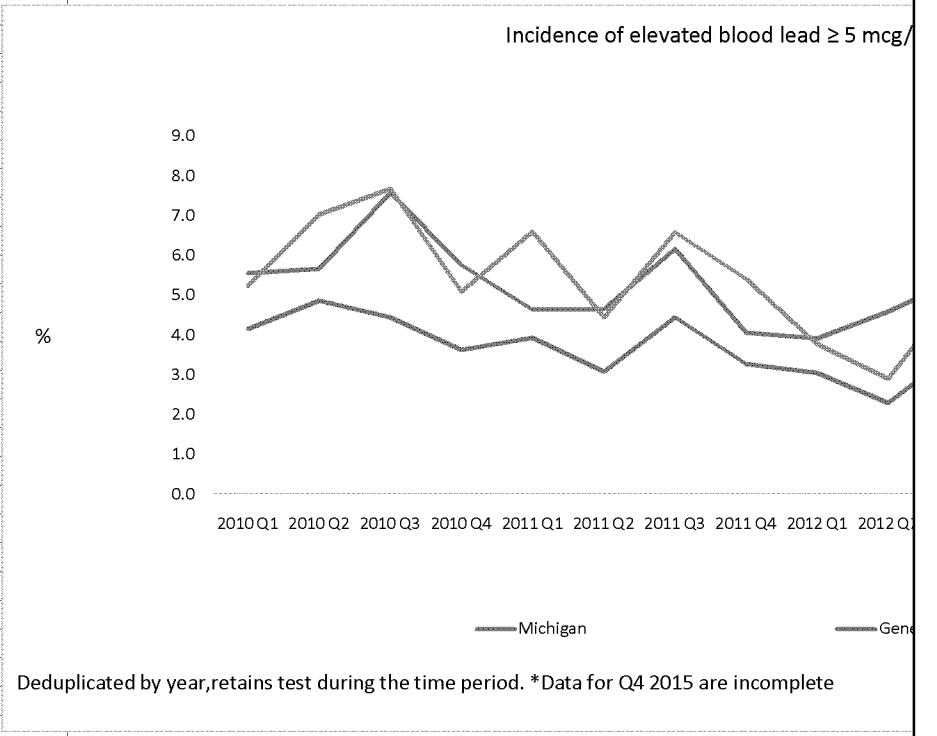
```
IF PB_RESULT =.       THEN PB4 = '        ';
ELSE IF PB_RESULT < 5  THEN PB4 = '1) <5   ';
ELSE IF PB_RESULT <15  THEN PB4 = '2) 5-14 ';
ELSE IF PB_RESULT <45  THEN PB4 = '3) 15-44';
ELSE IF PB_RESULT >=45 THEN PB4 = '4) 45+  ';

if sample_type in ('C' 'c') then sampletype='Capillary';
else if sample_type in ('V' 'v') then sampletype='Venous';
run;

/*create dataset dup with duplicate lead test results*/

proc sql;
create table dup as

select child_id, specimen_date, date_reported,pb_result, sampletype, age_grp, PB2, PB4, patient_zip_code,quarter,county, count(*) as dupidno
from mi2015
group by  CHILD_ID
having count(*)>1;
*N =23055;

/*create dataset nodup with no duplicate lead test results*/

proc sql;
create table nodup as

select child_id, specimen_date, date_reported,pb_result, sampletype, age_grp, PB2, PB4, patient_zip_code, quarter, county,count(*) as dupidno
from mi2015
group by  CHILD_ID
having count(*)=1;
*N =147163;

/*sort dataset dup by descending dupidno, child_id,  sampletype, pb_result, specimen_date, date_reported*/

proc sort data=dup out=dup2; by descending dupidno child_id  sampletype pb_result specimen_date date_reported; run;
*N =23055;

/*Choose the last observation for each child_id from the sorted dataset, this lead test result is the highest value among all tested*/

data dup3;
set dup2;
by descending dupidno child_id  sampletype pb_result specimen_date date_reported;
```

	A
82	if last.child_ID then output;
83	run;
84	*N=10740;
85	
86	/*combine dataset nodup and sorted dup dataset*/
87	
88	data mi2015_;
89	set nodup dup3;
90	run; *n =157903;

<<AUTODATE >>

	A	B	C	D	E	F
1	**Table 1. Incidence of elevated blood lead ≥ 5 mcg/dl among children < 6 years of age by quarter, 2010- 2015**					
2						
3		**Michigan**				**Genesee (includes Flint)**
4	Quarter	Tested	≥5	%		Tested
5						
6	2010 Q1	35084	1948	5.55		1896
7	2010 Q2	38377	2176	5.67		1893
8	2010 Q3	47957	3633	7.58		1998
9	2010 Q4	34596	1997	5.77		1266
10	2011 Q1	34229	1588	4.64		1348
11	2011 Q2	37654	1754	4.66		1684
12	2011 Q3	45643	2816	6.17		2112
13	2011 Q4	34807	1413	4.06		1616
14	2012 Q1	34624	1359	3.93		1643
15	2012 Q2	36462	1674	4.59		1788
16	2012 Q3	43718	2372	5.43		2144
17	2012 Q4	34233	1427	4.17		1577
18	2013 Q1	33788	964	2.85		1567
19	2013 Q2	37037	1349	3.64		1903
20	2013 Q3	44115	2157	4.89		2028
21	2013 Q4	33460	1250	3.74		1634
22	2014 Q1	32587	887	2.72		1642
23	2014 Q2	36514	1172	3.21		1665
24	2014 Q3	42940	1941	4.52		2096
25	2014 Q4	31797	1051	3.31		1417
26	2015 Q1	31592	811	2.57		1523
27	2015 Q2	35000	1034	2.95		1604
28	2015 Q3	40681	1795	4.41		1762
29	2015 Q4*	27859	987	3.54		1701

	G	H	I	J	K	L	M	N	O	P
1										
2										
3				**Flint (zip 48501-48507)**						
4	≥5	%		Tested	≥5	%				
5										
6	79	4.17		1071	56	5.23				
7	92	4.86		953	67	7.03				
8	89	4.45		978	75	7.67				
9	46	3.63		628	32	5.10				
10	53	3.93		636	42	6.60				
11	52	3.09		765	34	4.44				
12	94	4.45		987	65	6.59				
13	53	3.28		757	41	5.42				
14	50	3.04		717	27	3.77				
15	41	2.29		759	22	2.90				
16	79	3.68		1000	52	5.20				
17	40	2.54		722	29	4.02				
18	26	1.66		661	12	1.82				
19	45	2.36		806	29	3.60				
20	53	2.61		911	33	3.62				
21	34	2.08		764	22	2.88				
22	26	1.58		715	16	2.24				
23	31	1.86		750	18	2.40				
24	89	4.25		976	68	6.97				
25	32	2.26		661	20	3.03				
26	22	1.44		679	15	2.21				
27	38	2.37		696	25	3.59				
28	67	3.80		798	46	5.76				Note: Removing duplicates based on year may underestimate the true incidence.
29	31	1.82		989	23	2.33				



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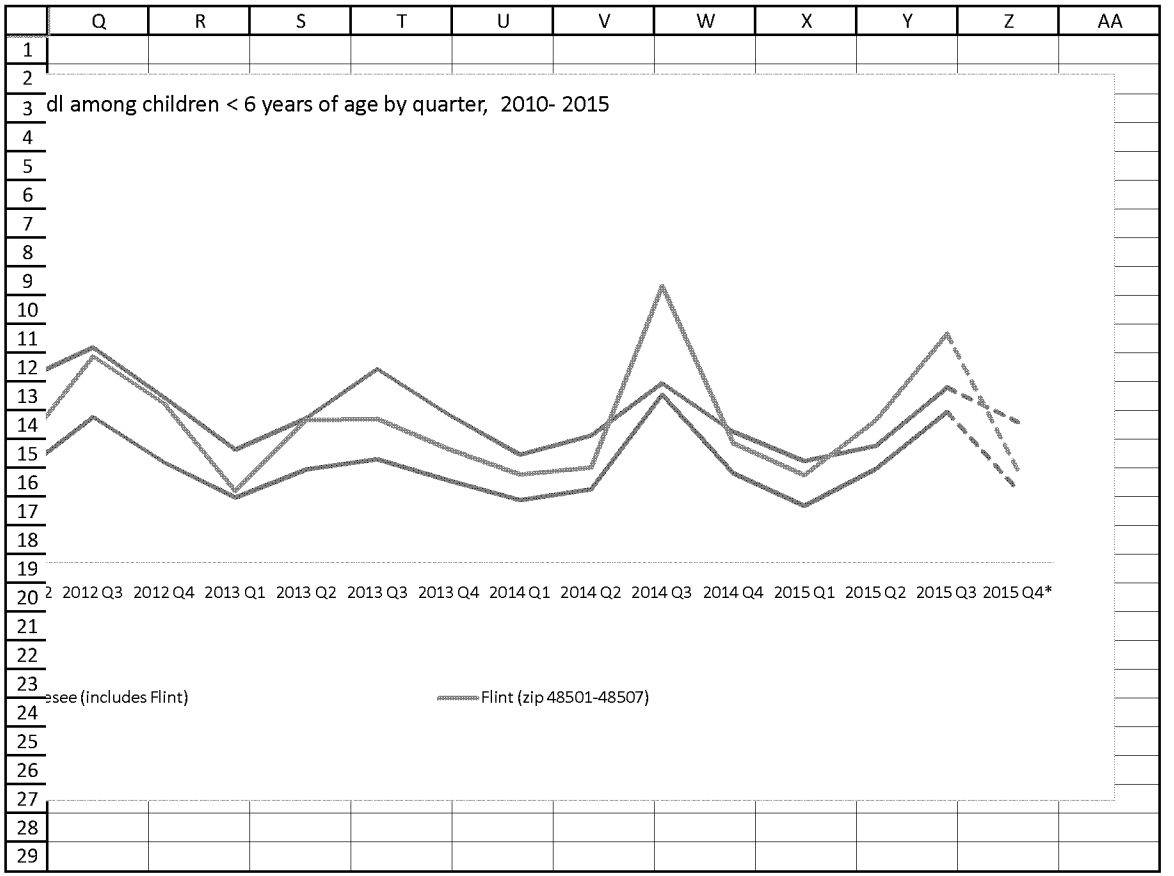
dl among children < 6 years of age by quarter, 2010- 2015
2012 Q3
2012 Q4
2013 Q1
2013 Q2
2013 Q3
2013 Q4
2014 Q1
2014 Q2
2014 Q3
2014 Q4
2015 Q1
2015 Q2
2015 Q3
2015 Q4*
esee (includes Flint)
Flint (zip 48501-48507)

	A	B	C	D	E
1	**Table 2. Incidence of elevated blood lead ≥ 5 mcg/dl among children 6-17 years of age by quarter, 2010- 2015**				
2					
3		**Michigan**			
4	Quarter	Tested	≥5	%	
5					
6	2010 Q1	3489	145	4.16	
7	2010 Q2	3354	144	4.29	
8	2010 Q3	4436	215	4.85	
9	2010 Q4	3450	161	4.67	
10	2011 Q1	3010	128	4.25	
11	2011 Q2	2912	114	3.91	
12	2011 Q3	4174	164	3.93	
13	2011 Q4	2863	68	2.38	
14	2012 Q1	3051	85	2.79	
15	2012 Q2	2957	84	2.84	
16	2012 Q3	3948	115	2.91	
17	2012 Q4	2754	67	2.43	
18	2013 Q1	2671	53	1.98	
19	2013 Q2	2671	54	2.02	
20	2013 Q3	3605	111	3.08	
21	2013 Q4	2481	51	2.06	
22	2014 Q1	2503	73	2.92	
23	2014 Q2	2456	50	2.04	
24	2014 Q3	3335	97	2.91	
25	2014 Q4	2268	65	2.87	
26	2015 Q1	2048	44	2.15	
27	2015 Q2	2225	48	2.16	
28	2015 Q3	3040	90	2.96	
29	2015 Q4*	2449	65	2.65	

	F	G	H	I	J	K	L
1							
2							
3	**Genesee (includes Flint)**				**Flint (zip 48501-48507)**		
4	Tested	≥5	%		Tested	≥5	%
5							
6	174	1	0.57		91	0	0.00
7	165	6	3.64		90	6	6.67
8	218	7	3.21		113	4	3.54
9	203	3	1.48		106	2	1.89
10	193	6	3.11		108	5	4.63
11	181	3	1.66		105	2	1.90
12	315	7	2.22		147	3	2.04
13	270	3	1.11		139	3	2.16
14	241	1	0.41		110	1	0.91
15	281	8	2.85		132	5	3.79
16	411	2	0.49		173	1	0.58
17	326	2	0.61		146	2	1.37
18	278	3	1.08		126	0	0.00
19	271	1	0.37		136	1	0.74
20	345	3	0.87		137	2	1.46
21	215	0	0.00		106	0	0.00
22	168	0	0.00		75	0	0.00
23	211	0	0.00		81	0	0.00
24	246	5	2.03		136	4	2.94
25	163	1	0.61		80	1	1.25
26	155	1	0.65		82	0	0.00
27	186	0	0.00		87	0	0.00
28	246	1	0.41		135	1	0.74
29	748	8	1.07		602	7	1.16

	A	B	C	D	E	F	G	H
1	**Table 3. Incidence of elevated blood lead ≥ 5 mcg/dl among adults by quarter, 2010- 2015**							
2								
3		**Michigan**				**Genesee (includes Flint)**		
4	Quarter	Tested	≥5	%		Tested	≥5	%
5								
6	2010 Q1	3447	404	11.72		158	11	6.96
7	2010 Q2	3569	351	9.83		157	10	6.37
8	2010 Q3	3325	329	9.89		137	9	6.57
9	2010 Q4	3340	375	11.23		136	12	8.82
10	2011 Q1	3719	370	9.95		137	10	7.30
11	2011 Q2	3286	323	9.83		138	10	7.25
12	2011 Q3	3173	330	10.40		137	11	8.03
13	2011 Q4	2934	344	11.72		116	12	10.34
14	2012 Q1	3771	500	13.26		141	10	7.09
15	2012 Q2	3195	315	9.86		139	7	5.04
16	2012 Q3	2963	290	9.79		124	10	8.06
17	2012 Q4	2985	309	10.35		135	6	4.44
18	2013 Q1	3021	335	11.09		99	11	11.11
19	2013 Q2	3235	454	14.03		147	18	12.24
20	2013 Q3	2846	349	12.26		111	8	7.21
21	2013 Q4	2979	361	12.12		127	17	13.39
22	2014 Q1	2976	359	12.06		109	10	9.17
23	2014 Q2	3272	425	12.99		117	12	10.26
24	2014 Q3	3047	285	9.35		107	14	13.08
25	2014 Q4	3279	351	10.70		103	8	7.77
26	2015 Q1	3157	287	9.09		102	13	12.75
27	2015 Q2	3374	406	12.03		98	3	3.06
28	2015 Q3	3335	320	9.60		165	8	4.85
29	2015 Q4*	3143	323	10.28		769	22	2.86

	I	J	K	L
1				
2				
3		**Flint (zip 48501-48507)**		
4		Tested	≥5	%
5				
6		41	3	7.32
7		56	6	10.71
8		39	2	5.13
9		52	7	13.46
10		36	4	11.11
11		39	2	5.13
12		32	5	15.63
13		25	5	20.00
14		40	4	10.00
15		35	3	8.57
16		37	1	2.70
17		36	3	8.33
18		30	3	10.00
19		41	8	19.51
20		33	3	9.09
21		28	2	7.14
22		32	3	9.38
23		24	4	16.67
24		32	4	12.50
25		23	1	4.35
26		20	2	10.00
27		30	0	0.00
28		79	4	5.06
29		591	13	2.20

	A	B	C	D	E	F	G	H	I
1	**Table 4. Incidence of elevated blood lead ≥ 5 mcg/dl by quarter, 2010- 2015**								
2									
3		**Michigan**				**Genesee (includes Flint)**			
4	Quarter	Tested	≥5	%		Tested	≥5	%	
5									
6	2010 Q1	42020	2497	5.94		2228	91	4.08	
7	2010 Q2	45300	2671	5.9		2215	108	4.88	
8	2010 Q3	55718	4177	7.5		2353	105	4.46	
9	2010 Q4	41386	2533	6.12		1605	61	3.8	
10	2011 Q1	40958	2086	5.09		1678	69	4.11	
11	2011 Q2	43852	2191	5		2003	65	3.25	
12	2011 Q3	52990	3310	6.25		2564	112	4.37	
13	2011 Q4	40604	1825	4.49		2002	68	3.4	
14	2012 Q1	41446	1944	4.69		2025	61	3.01	
15	2012 Q2	42614	2073	4.86		2208	56	2.54	
16	2012 Q3	50629	2777	5.48		2679	91	3.4	
17	2012 Q4	39972	1803	4.51		2038	48	2.36	
18	2013 Q1	39480	1352	3.42		1944	40	2.06	
19	2013 Q2	42943	1857	4.32		2321	64	2.76	
20	2013 Q3	50566	2617	5.18		2484	64	2.48	
21	2013 Q4	38920	1662	4.27		1976	51	2.58	
22	2014 Q1	38066	1319	3.47		1919	36	1.88	
23	2014 Q2	42242	1647	3.9		1993	43	2.16	
24	2014 Q3	49322	2323	4.71		2449	108	4.41	
25	2014 Q4	37344	1467	3.93		1683	41	2.44	
26	2015 Q1	36797	1142	3.10		1780	36	2.02	
27	2015 Q2	40599	1488	3.67		1888	41	2.17	
28	2015 Q3	47056	2205	4.69		2173	76	3.50	
29	2015 Q4*	33451	1375	4.11		3218	61	1.90	

	J	K	L
1			
2			
3	**Flint (zip 48501-48507)**		
4	Tested	≥5	%
5			
6	1203	59	4.9
7	1099	79	7.19
8	1130	81	7.17
9	786	41	5.22
10	780	51	6.54
11	909	38	4.18
12	116	73	6.26
13	921	49	5.32
14	867	32	3.69
15	926	30	3.24
16	1210	54	4.46
17	904	34	3.76
18	817	15	1.84
19	983	38	3.87
20	1081	38	3.52
21	898	24	2.67
22	822	19	2.31
23	855	22	2.57
24	1144	76	6.64
25	764	22	2.88
26	781	17	2.18
27	813	25	3.08
28	1012	51	5.04
29	2182	43	1.97

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Wednesday, December 23, 2015 6:57 PM
To: Murray, David (GOV)
Subject: Checking again

Hi, Dave,

Please pardon the late email.

Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?

Thank you again.

Laura Conaway

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 7:54 PM
To: Conaway, Laura (NBCUniversal)
Subject: Re: Checking again

Hello Laura,

We have not received anything yet. I believe the request will come after a vote from the Genesee County Commission. I'm not sure when the commission is slated to meet next. Do you have a contact there?

Gov. Snyder remains committed to working with Mayor Weaver to get Flint residents the assistance they need. Flint residents deserve access to clean, safe water. We also are committed to protecting the health of Flint's children, both immediately and into the future.

As you know, leaders from the Michigan State Police Emergency Management and Homeland Security Division met with the mayor and commission chairman earlier this week to help them determine the best possible pathway to additional state and federal resources.

That assistance will be in addition to the $10 million the state government has committed to Flint residents to help pay for the switch to the Great Lakes Water Authority water, free filters for all residents and additional testing, among other items in Gov. Snyder's action plan.

Dave

Sent from my iPad

On Dec 23, 2015, at 6:56 PM, Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com> wrote:

> Hi, Dave,
>
> Please pardon the late email.
>
> Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?
>
> Thank you again.
>
> Laura Conaway

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Wednesday, December 23, 2015 7:55 PM
To: Murray, David (GOV)
Subject: RE: Checking again

Thanks, Dave. I believe the county meets next on Monday, January 4.

Laura

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, December 23, 2015 7:54 PM
To: Conaway, Laura (NBCUniversal)
Subject: Re: Checking again

Hello Laura,

We have not received anything yet. I believe the request will come after a vote from the Genesee County Commission. I'm not sure when the commission is slated to meet next. Do you have a contact there?

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Sent from my iPad

On Dec 23, 2015, at 6:56 PM, Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com<mailto:Laura.Conaway@nbcuni.com>> wrote:

Hi, Dave,

Please pardon the late email.

Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?

Thank you again.

From: Murray, David (GOV)
Sent: Thursday, December 24, 2015 9:08 AM
To: Gary Ridley
Subject: Re: FLint water issue on Rachel Maddow show

Gov. Snyder is committed to working with Mayor Weaver and city leaders to do what is necessary to protect the health of Flint residents.

We're working to build upon the work that already in progress as part of the Governor's action plan and the $10 million provided for the reconnection to Detroit water, filters for residents and efforts to improve the city's water infrastructure.

Sent from my iPhone

On Dec 24, 2015, at 8:36 AM, Gary Ridley <GRIDLEY@mlive.com> wrote:

> Dave,
> US Rep. Dan Kildee was on the Rachel Maddow show last night discussing the Flint water issue. He said of the state:
> "We need more than an apology and an acknowledgment that they failed. We need them to make it right."
>
> I wanted to check in and see if your office had any response. I am putting together a post on this ASAP.
>
> Thanks.
>
> --
> **Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 |** gridley@mlive.com

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 9:36 AM
To: Murray, David (GOV)
Subject: DRAFT Flint comms plan
Attachments: DRAFT Flint water communications plan.docx

Take a look at this and then call me. Rich and I worked on this late on Dec. 23 and into Dec. 24. It was then run by senior staff for feedback on Dec. 24 and there have been some tweaks. The statement you'll see in the plan for Dec. 29 is in this document.

- Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

DRAFT: FLINT WATER PLAN

Thursday, Dec. 24: Gov. calls Karen Weaver to set up a meeting

Talking points:

"I've read the draft of a report from the state's Office of the Auditor General and I've been briefed on the task force's progress in its ongoing investigation.

"I want to work together with you to get this problem solved. As partners, we can get resources in place more quickly.

"I want to assure you this isn't a political move on my part – I'm a problem solver and I intend to be your partner in addressing this to make it right. I'm truly sorry that all this has happened.

"I have some ideas on how to get more resources for blood lead level testing and remediation – financial as well as state personnel, and I'd like to discuss those with you.

"It sounds like you have a block of time available on the morning of Jan. 7. Would you be able to come to Lansing so we could talk between 9-10 a.m.? If so, I'll make sure Beth Emmitt, my scheduler, confirms with Maxine Murray."

Saturday, Dec. 26, or Monday, Dec. 28: Getting organized

We need to get the ball rolling on creating a healthy water communications team – potentially Mel Brown of TED and Ron Leix of MSP's Emergency Management and Homeland Security Division. Both are genuine and empathetic, and can convey information in a reassuring way.

This duo would work with DHHS' and DEQ's respective communications teams, but also free up those teams to work on other issues not related to Flint water. The healthy water team would be the point people for anything concerning Flint water and lead issues, and will have the authority to assist Harvey Hollins, cut red tape for researchers who want access to DHHS and DEQ records, respond to media requests, edit and/or write press releases in conjunction with the Governor's communications team and more.

Rich Baird or another appropriate person needs to discuss with Steve Arwood and Col. Etue about "borrowing" Mel and Ron. We would like to introduce these two at the January press conference with the Governor and Mayor Weaver, saying, "These are the folks who will answer questions and provide information to media and stakeholders about the Flint water crisis."

Monday, Dec. 28, or Tuesday, Dec. 29: Asking researchers for help

Nick Lyon reaches out to Virginia Tech researcher Marc Edwards and Hurley Hospital's Dr. Mona Hanna-Attisha to help state lead and water experts who have worked on Flint's issues. The purpose is to share information, compare results and track how those results were reached to ensure best practices and accurate reporting.

We'd ask this of Edwards and Hanna-Attisha:

- Your research has been eye opening and we're hoping you'll be willing to join an effort to ensure Flint's water is safe.

- We'd like you to sit down with state epidemiologists and other researchers so you can discuss lead levels and other issues related to the Flint water crisis. There have been variances and we want to be as accurate as possible.
- We want you to have as much access to our data as is possible under HIPPA laws so we can determine the extent of the problem.
- We want the team to brainstorm ways to get Flint's water back to safe levels for drinking, and to help families learn how they can mitigate any effects from lead.
- Once the water is safe, we want your help in showing the people of Flint that their water is drinkable.
- If you're willing to help, we'd like to announce this at a press conference in January and would love to have you both attend, if possible.

In addition, Capt. Chris Kelenske and/or Nick Lyon need to explore more ways to help Flint, including the idea of an imminent danger declaration. *Has MSHDA explored HUD grants to help families who need to upgrade their service lines? Are there other resources we can draw from?*

Tuesday, Dec. 29: Governor releases statement on Flint water

This statement is meant to manage expectations on the timing of the report (probably another month at least) and to signal that action may come sooner than that (the Jan. 4 changes and those to be announced at the press conference).

"I've been briefed on the recent meeting of the task force studying the Flint water situation and I've read the report from the Office of the Auditor General on the processes used by DEQ to monitor Flint water.

"The bi-partisan task force has worked tirelessly to interview Flint, Genesee County, state and federal officials to complete its independent analysis. They are reviewing hundreds of documents at all levels of government and from the public health science community.

"I'd like to thank the task force for keeping me apprised of their continuing investigation. As they uncover more facts, it's clear to me we can do better. Their report may take another month or so, but if we need to make changes more swiftly, I plan to take immediate action.

"No matter what the testing requirements were, they were not enough to prevent this crisis.

"When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens. I understand there can be disagreements within the scientific community. That is why I have told my directors at MDEQ and DHHS to invite every external scientist who has worked on the Flint water issue to the state laboratory facilities to work as partners with us. Together, we should be able to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of blood levels and other health impacts over the long term.

"I want the Flint community and all citizens of Michigan to know how very sorry I am that this has happened.

"But I know an apology isn't enough. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. On Thursday, I called Flint Mayor Karen Weaver, and we're going to sit down in the next week to discuss other ways the state can offer assistance.

"What happened in Flint is inexcusable. I want to assure residents there that we will work hard to make things right."

Monday, Jan. 4 – Personnel changes

Dave Murray talking point: "I can't speak to the specifics, but yes, there have been changes in personnel at the DEQ. We'll announce soon who you can contact to get information about Flint's water situation. For now, you can call me."

Thursday, Jan. 7 – Meeting between the Governor and Mayor Karen Weaver

Governor's talking point: "We had a great meeting today. Mayor Weaver had some great ideas that we want to flesh out. We'll announce soon how we plan to move forward in solving the problems with Flint water."

Possibly Jan. 11 or 13 - Press conference with the Governor and Mayor Weaver to announce action plan

Also in attendance: Point person Harvey Hollins, Directors Nick Lyons and Dan Wyant, Capt. Chris Kelenske, Healthy Water communications team Mel Brown and Ron Leix, Sen. Jim Ananich, Rep. ???, Marc Edwards?, Dr. Mona Hanna-Attisha, who else?

Talking points:

Weaver announces more state money to help Flint and talks about how she's encouraged by the Governor's action plan and looks forward to working with Harvey Hollins.

Harvey briefly describes his role – as the boots on the ground in Flint and the coordinator for state resources.

Gov. Snyder reiterates his sadness over the situation and says it calls for extraordinary measures, which the state is prepared to make:

- The state will form a team of independent and state water and lead level experts to go over the various results. The team will include Virginia Tech's Marc Edwards and Hurley Hospital's Dr. Mona Hanna-Attisha, along with state epidemiologists, DEQ experts, etc.
- The team will have full access to DEQ and DHHS records.
- Mel Brown and Ron Leix will be the Healthy Water team and serve as point people for all things Flint water and lead levels.
- The state is exploring the best options to provide more help for Flint, including an imminent danger declaration, HUD grants for infrastructure improvements, etc.
- We will document what we learn from this experience to help other cities with water/lead issues.

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 10:46 AM
To: Murray, David (GOV)
Subject: OAG letter

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions came as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the DEQ had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint WTP, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The EPA had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. But in April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant (WTP) was not doing corrosion control. DEQ later explained that the first answer was referring to its LCR program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that ODWMA employees appeared to have notified management properly about the unfolding Flint water situation.

DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule (LCR) monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule; the upshot: corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't oversee the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or Flint's certifications. In November 2015, Flint admitted that it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. It was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The report said it's tough to determine if the lateness of the sampling affects the accuracy.

The report ends with an excellent timeline. I have attached the report in case you want to review the timeline on page 11.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 1:14 PM
To: Murray, David (GOV)
Subject: Here is edited version
Attachments: V2 OAG draft statement and summary.docx

I edited the top half and made one little word tweak in the summary. HOWEVER, I'm now about to read Dan Wyant's response. I'll keep you posted on that. That may affect this document….

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

Draft statement to respond to reporters:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor

suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 1:54 PM
To: Holland, Meegan (GOV)
Subject: FW: Ananich Statement

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI
PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 1:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Ananich Statement

Just FYI I did do an on cam with him to but this statement came prior to that.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," said Ananich. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

Thanks!
Jessica Dupnack

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:11 PM
To: jessica.dupnack@abc12news.com
Subject: Statement about Office of Auditor General letter

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

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From: postmaster@Michigan.gov
Sent: Monday, December 28, 2015 2:11 PM
To: Murray, David (GOV)
Subject: Delivery Final Failure Notice
Attachments: original.eml

Can not deliver the message you sent. Will not retry.

Sender: <MurrayD1@michigan.gov>

The following addresses had delivery problems

<jessica.dupnack@abc12news.com> : Reply from p3plibsmtp02-v01.prod.phx3.secureserver.net[68.178.213.37]:
>>> RCPT TO:<jessica.dupnack@abc12news.com>
<<< 550 5.1.1 <jessica.dupnack@abc12news.com> Recipient not found. <http://x.co/irbounce>

From: Murray, David (GOV) <MurrayD1@michigan.gov>
Sent: Monday, December 28, 2015 2:11 PM
Subject: Statement about Office of Auditor General letter

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- -- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- -- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

• -- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

• -- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

• -- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

• -- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

• -- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:17 PM
To: Jessica Dupnack - WJRT TV 12
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

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Conclusions:

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Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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From: Dupnack, Jessica <jessica.dupnack@abc12.com>
Sent: Monday, December 28, 2015 2:20 PM
To: Murray, David (GOV)
Subject: RE: statement

It worked! Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 2:17 PM
To: Dupnack, Jessica
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

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Conclusions:

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:46 PM
To: Danielle Emerson - Gongwer
Subject: FW: statement

Hi Danielle,

I heard you had a requested a statement from DEQ. Here is one from our office.

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Danielle, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:48 PM
To: Dupnack, Jessica
Subject: RE: statement

Looks like only some of our conclusions went through, so I'm sending again.

Conclusions:

While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

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Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Dupnack, Jessica [jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 2:19 PM
To: Murray, David (GOV)
Subject: RE: statement

It worked! Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 2:17 PM
To: Dupnack, Jessica
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

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Conclusions:

* -- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:03 PM
To: deggert@ap.org
Subject: Response to Office of Auditor General's report on Flint water

Hi Dave, are you writing about the letter the Office of Auditor General wrote about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

You can attribute this to me:

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Dave for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:06 PM
To: Chad Livengood (clivengood@detroitnews.com)
Subject: FW: statement

Hi Chad,

Are you guys writing about the Office of Auditor General letter about the DEQ and Flint water?

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http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

You can attribute this to me:

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Chad, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

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From: Eggert, David <DEggert@ap.org>
Sent: Monday, December 28, 2015 3:15 PM
To: Murray, David (GOV)
Subject: RE: Response to Office of Auditor General's report on Flint water

Thx dave

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 3:03 PM
To: Eggert, David
Subject: Response to Office of Auditor General's report on Flint water

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The information contained in this communication is intended for the use of the designated recipients named above. If the reader of this communication is not the intended recipient, you are hereby notified that you have received this communication in error, and that any review, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify The Associated Press immediately by telephone at +1-212-621-1898 and delete this email. Thank you.
[IP_US_DISC]

msk dccc60c6d2c3a6438f0cf467d9a4938

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:30 PM
To: Lindsey Smith
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: RE: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.
b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI (cell)

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

I did. Gladly, cause, you know, there's a hell of a lot more in that than how these two would like to paint things. Anyway, let me know if you *do* want to have a say - deadline 330p please and thanks.

On Mon, Dec 28, 2015 at 2:11 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:
Did you get a copy of the letter?

Sent from my iPhone

On Dec 28, 2015, at 1:46 PM, Lindsey Smith <lmsmi@umich.edu> wrote:

> Hi Brad,
>
> Not sure if they're just late to the party or sitting on this or what (it's dated Dec 23rd) but editors have deemed this worthy of a couple spot news headlines today. Let me know if you'd like to comment.
>
> Best~
>
> ---------- Forwarded message ----------
> From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
> Date: Mon, Dec 28, 2015 at 1:01 PM
> Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control
> To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE

December 28, 2015

Contact: Angela Wittrock

Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."

This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
…
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
C: PPI

Please sign up for our e-news at: Senatedems.com/Ananich
Facebook: jimananich | Twitter: @jimananich

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West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

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Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:44 PM
To: Jim Lynch - Detroit News
Subject: Office of Auditor General letter

Jim,

I heard you were seeking a response to the letter from the Office of the Auditor General.

First, I wanted to make sure you had the letter:http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

Here is our statement, which you can attribute to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Jim, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:44 PM
To: Danielle Emerson (demerson@gongwer.com)
Cc: Murray, David (GOV)
Subject: RE: statement from Ananich

Obviously, I don't think that's a fair assessment. The Governor's 10-point plan includes an unprecedented look at lead levels in Flint schools, free testing around the community, free home water filters until we can be confident the system returns to acceptable levels, and a series of immediate, near-term and long-term steps to protect Flint families. We are doing the work and presenting the data as it comes forward.

I'm a department spokesman. I'm as good as the information I get to work with. And we've tried to do a very careful job of making sure folks in Flint get accurate information on this issue, because it is a very serious one for thousands of families. This administration acknowledged an error in October and has been working hard since then to partner with communities and deliver necessary resources to protect kids and families.

b
Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI (cell)

From: Danielle Emerson [mailto:demerson@gongwer.com]
Sent: Monday, December 28, 2015 2:30 PM
To: Wurfel, Brad (DEQ)
Subject: statement from Ananich

Also while I've got you, if you care to respond to this statement by Senator Ananich (since we're running his year-end story today):

"The administration still, I think, seems to lack the sense of urgency that I expect, but they've done some positive steps in the right direction. They still have folks, Brad Wurfel for one, who are still making statements that aren't really true, I think, to the public. You can't say it's the faucets in the school. If it wasn't for the corrosive, poisonous water, we wouldn't have a problem. It's another example of trying to make it sound like it wasn't their fault as opposed to just fixing the problem."

…That should be all for today. Thanks

This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:49 PM
To: Egan, Paul
Subject: Letter from the Office of the Auditor General

Paul, I didn't know if you are writing about the letter from the Office of the Auditor General regarding the DEQ and Flint water.

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

Our statement:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Paul, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

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- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:53 PM
To: Eggert, David
Cc: Murray, David (GOV)
Subject: RE: comment
Attachments: image2015-11-03-155158.pdf; Transmittal of Final redacted Report to MDEQ.pdf; EPA Del Toral memo.pdf

Hey, Dave. The Nov. 3 guidance letter is the first document. The other two are the draft and final EPA "Del Toral" memos. Worth reading.

Our statement on the Auditor General letter (enclosed here: http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf):

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.

b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI (cell)

From: Eggert, David [mailto:DEggert@ap.org]
Sent: Monday, December 28, 2015 3:42 PM
To: Wurfel, Brad (DEQ)
Subject: comment

Brad,

Do you have a comment on this auditor letter? Also, can you give me a copy of the EPA's Nov. 3 guidance re: differing interpretations of the LCR? thx

AP

ASSOCIATED PRESS

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State government reporter

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF WATER

NOV 03 2015

MEMORANDUM

SUBJECT: Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems

FROM: Peter C. Grevatt, Director
Office of Ground Water and Drinking Water

TO: EPA Regional Water Division Directors, Regions I-X

This memorandum addresses certain concerns raised about the application of the 1991 Lead and Copper Rule, specifically the requirements pertaining to maintenance of optimal corrosion control treatment, in situations in which a large water system ceases to purchase treated water and switches to a new drinking water source. These concerns have been raised most recently in regard to the drinking water system in Flint, Michigan, where the water system was disconnected from the Detroit Water and Sewerage Department, which provided corrosion control treatment for Lake Huron source waters, and instead began distributing water from the Flint River. This type of situation rarely arises and the language of the LCR does not specifically discuss such circumstances. After reviewing the rule with our Office of General Counsel, it appears that there are differing possible interpretations of the LCR with respect to how the rule's optimal corrosion control treatment procedures apply to this situation, which may have led to some uncertainty with respect to the Flint water system. This memorandum clarifies how the LCR applies to this situation and eliminates the uncertainty for water systems and primacy agencies that may face these circumstances in the future.

It is important for large systems and primacy agencies[1] to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. This memorandum focuses on those steps and clarifies, on a prospective basis, how EPA interprets the LCR corrosion control requirements and how primacy agencies should apply these requirements to large public water systems before, during and after making a significant change in source water, including switching from purchased water to a new source.

Under the LCR, all large systems (those serving more than 50,000 persons), whether purchasing water or not, must have completed a series of steps to either optimize the corrosion control treatment or be deemed to have optimal corrosion control treatment (OCCT) by 1998. 40 CFR 141.81. Key steps for

[1] The term "primacy agency" refers to the State, tribe or U.S. Environmental Protection Agency regional office having jurisdiction over, and primary enforcement responsibility for, a given public water system.

optimizing corrosion control include monitoring, corrosion control studies, installation of treatment, follow-up sampling and specification by the primacy agency of water quality parameters (WQPs) for monitoring corrosion control. The LCR requires any large system that has met the OCCT requirements through the installation of corrosion control treatment to continue operating and maintaining the treatment and to continue meeting the WQPs established by the primacy agency. 40 CFR 141.81(b) and 141.82(g). Systems deemed to have OCCT without the installation of corrosion control treatment are not subject to this requirement. However, they are required to notify the primacy agency in writing of any upcoming changes in treatment or source and request that the primacy agency modify its determination of the OCCT and WQPs applicable to the system. The primacy agency must then review and approve the change and designate OCCT and WQPs prior to its implementation by the system. 141.81(b)(3). Similarly, systems subject to reduced monitoring or monitoring waivers must notify the primacy agency of any upcoming changes in treatment or source and the primacy agency must subsequently review and approve it. EPA recommends that systems that are not subject to a notification requirement also notify the primacy agency prior to the addition of a new source or treatment and request the primacy agency to modify its determination of the optimal corrosion control and WQPs applicable to the system.

Due to the unique characteristics of each PWS (e.g., source water, existing treatment processes, distribution system materials) it is critical that public water systems, in conjunction with their primacy agencies and, if necessary, outside technical consultants, evaluate and address potential impacts resulting from treatment and/or source water changes. It is also critical for public water systems to conduct ongoing monitoring to ensure compliance with OCCT prior to, during and after a source or treatment change. The rearrangement of a system's existing configuration may trigger the need for OCCT adjustments and establishment of appropriate WQPs. Primacy agencies should work with systems that plan to disconnect from a supplier that had installed corrosion control treatment to determine the OCCT for the new source and establish WQPS for that treatment instead of using the OCCT and WQPs established for the previous source. This will allow a system that ceases to purchase treated water to stay in compliance with any applicable requirements pertaining to OCCT and ensure protection of public health during and after the change in source. EPA has developed a guidance manual[2] specifically focusing on evaluation of corrosion control treatment options and optimization of full-scale treatment to assist water systems and primacy agencies with these efforts. EPA is currently preparing an updated version of the manual, which we anticipate will be released in February 2016.

The key to identifying and mitigating potential problems is to ensure effective collaboration between the public water system and the primacy agency. Corrosion control treatment can come in many forms. For this reason, it is important to conduct a system-wide assessment prior to any source water and/or treatment modifications and to identify existing or anticipated water quality, treatment or operational issues that may interfere with or limit the effectiveness of corrosion control treatment optimization or re-optimization.

If you have additional questions or concerns, please contact me or have your staff contact Maria Lopez Carbo, Chief of the Protection Branch, in the Office of Ground Water and Drinking Water, at lopez-carbo.maria@epa.gov.

---

[2] U.S. Environmental Protection Agency. *Lead and Copper Rule Guidance Manual, Volume II: Corrosion Control Treatment.* Office of Water. EPA 811-B-92-002. 1992. Available at: http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=91019DM4.txt.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGIONAL ADMINISTRATOR
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

MEMORANDUM

DATE: November 4, 2015

SUBJECT: Transmittal of Final Report - High Lead at Three Residences in Flint, Michigan

FROM: Tinka G. Hyde
Water Division Director

TO: Jim Sygo
Deputy Director
Michigan Department of Environmental Quality

Howard Croft
Director of Flint Public Works

Enclosed please find for your file a final redacted version of a report prepared by EPA Scientist, Miguel Del Toral, regarding lead in drinking water at three residences in Flint, Michigan. The redactions remove personally identifiable and medical information. This report has been finalized and is also being provided to the National Drinking Water Advisory Council (NDWAC) for discussion during their upcoming meeting on November 17-19, 2015. We understand you saw an earlier version of this document; and note that most of the recommendations in that interim report are already being implemented (e.g., the City of Flint has switched back to Detroit water; filters have been provided to residents; and additional corrosion control treatment will be implemented).

The final report contains important new information indicating that physical disturbances of lead service lines can dislodge the protective coating that prevents lead from leaching into drinking water. The final report recommends notifying residents about the potential risks of increased lead levels in drinking water when work is undertaken that may disturb lead service lines.

cc: Natasha L. Henderson, City of Flint Administrator

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High Lead Levels in Flint, Michigan

The purpose of this report is to present the findings of activities conducted in response to high lead levels in drinking water reported to the United States Environmental Protection Agency Region 5 Office (EPA) by a resident in the City of Flint, Michigan.

Background Information

Prior to April 30, 2014, the City of Flint purchased water from the City of Detroit. On April 30, 2014, the City of Flint switched from utilizing purchased water from Detroit to a new water source, the Flint River. Subsequent to the change in source water, the City of Flint experienced a number of water quality issues resulting in violations of National Primary Drinking Water Regulations (NPDWR) including acute and non-acute Coliform Maximum Contaminant Level (MCL) violations and Total Trihalomethanes (TTHM) MCL violations (see Appendix A).

Beginning in January 2015, [redacted], a resident of Flint, called the Flint Water Department (FWD) regarding the water quality in her home. In response to the initial and subsequent calls, the FWD visited the [redacted] home on a number of occasions and also collected tap water samples. [redacted] also contacted EPA regarding these same water quality issues and medical issues she believes are associated with the water quality in Flint.

Following initial calls on the general water quality, on February 26, 2015, [redacted] contacted EPA regarding high lead levels found in her drinking water by the City of Flint. The result of the initial lead in water sample collected by the City of Flint on February 18, 2015 from the [redacted] home was 104 µg/L and the level of iron in the water exceeded the capability of the instrument to measure (>3.3 mg/L). On February 26, 2015, upon receiving the lead results from [redacted], the EPA contacted the Michigan Department of Environmental Quality (MDEQ) regarding the high lead result. The MDEQ advised that the City of Flint collect a follow-up sample for lead at the [redacted] home.

On March 3, 2015, the City of Flint collected a follow-up sample for lead at the [redacted] residence and the result of this second sample was 397 µg/L[1]. Subsequent to receiving her second result, EPA spoke to [redacted] via phone on March 19, 2015, and the following information was provided by [redacted]:

- The [redacted] home is a HUD home which was gutted and renovated in 2011. All existing plumbing had been removed and the [redacted] installed plastic plumbing.
- Due to high iron levels in the tap water, the [redacted] installed an iron filter downstream of the service line inlet into the home.
- [redacted] indicated that at this time they are not drinking the water or using it for cooking. She stated that her child's blood lead level (BLL) was originally at [redacted] in 2012 and that a more recent test showed it had increased to [redacted], but she noted that

[1] *Note: A third water sample had been collected on April 2, 2015, but the results had not been provided to the [redacted] at the time the interim report was written. The third lead in water sample result was 707 µg/L*

the BLL testing was done well after the child had stopped drinking the water and may have been higher during the time the child was consuming the water.

- Water samples collected by the City of Flint from her home were collected from the kitchen tap after the iron filter was physically removed.
- The Flint Water Department (FWD) informed [redacted] that her service line does not connect to the water main in front of her home as is typically the case for most homes.
- On March 18, 2015, City of Flint personnel went to the [redacted] home to locate the external shut-off valve in conjunction with the planned replacement of the [redacted] service line and were unsuccessful. Eventually it was discovered that the external shut-off valve was located at the corner of [redacted] and Bryant Street, two houses down from the [redacted] home.

As part of EPA's effort to respond to [redacted] concerns regarding her water results, EPA contacted the FWD. The following information was provided to EPA by the FWD:

- [redacted] home is one of the first homes built on the block and the service line runs for approximately 50-60 yards, connecting to the water main on Bryant Street which runs perpendicular to [redacted] (see Appendix A).
- Flint has a large number of lead service lines, so it would not be surprising to find that this is a very long lead line.
- The first sample from the [redacted] home was collected with the iron filter in place, and the second was with the iron filter physically removed. The iron filter was located just after the water meter.
- [redacted] showed FWD a video of her son 10 minutes after taking a bath, and that he had a full body rash in the video.

It was a common practice in the early 1900s to purchase large parcels of land and later subdivide them. Since service lines are typically run from the water main to the nearest location on a property and it is possible that the [redacted] home may have originally been part of a larger parcel of land that encompassed the two homes that now exist adjacent to the [redacted] home and was subsequently divided, leaving the original home connected to the same service connection and water main, while the newer homes were connected to a more recent water main installed along [redacted].

Based on a suspected conflict of interest at the healthcare facility that originally tested her son's BLL, [redacted] took her son to a different healthcare facility to have his blood lead tested again. On April 1, 2015, [redacted] provided EPA with a copy of her child's blood lead testing performed on March 27, 2015, showing a higher BLL ([redacted]) than the original test.

Due to the persistently high lead results, the FWD shut off the water service to the [redacted] home on April 3, 2015. Per agreement between the FWD and [redacted], her home was then connected to her neighbor's home via a garden hose, from one hose bib to another. This was understood to be a temporary measure until the [redacted] service line could be replaced. The [redacted] used this water connection only for bathing, washing dishes and washing clothes.

At the invitation of [redacted], EPA visited the [redacted] home on April 27, 2015, and reviewed the internal plumbing and information provided by [redacted], including water samples and spent filter cartridges. During this visit, EPA observed that the internal pipes, valves and connectors at the [redacted] residence were made of CPVC plastic, approved by NSF for potable drinking water applications, with a few minor metal connectors. A review of the treatment units in the home by EPA found that there was no iron filter in the home as had previously been thought. The only active treatment device in the home was a whole-home sediment filter which utilizes NSF certified Whirlpool WHKF-WHWC cartridge filters for sediment removal and taste/odor. There was also a non-functioning 'Water Resources International Hydro-Quad Commercial Water Processor' which was bypassed (see Appendix A).

At the request of [redacted], Dr. Marc Edwards at Virginia Tech provided sampling instructions to [redacted] for collecting a series of samples from her home. As part of the instructions, on the night of April 27, 2015, the water at the [redacted] residence was turned back on temporarily and the kitchen tap was flushed for 25 minutes at low flow prior to letting the water sit overnight. A series of sequential samples were collected the following morning (April 28, 2015) and sent to Dr. Edwards for analysis.

Dr. Edwards provided [redacted] with the results of the analyses and also shared the results with EPA on May 5, 2015, along with information regarding other chemical parameters tested (see Appendix B). In addition to very high lead levels in all sample results, the analytical data shows a correlation between lead and phosphate as well as lead and aluminum in all samples. On April 24, 2015, EPA had learned that Flint did not have corrosion control treatment in place and also learned that Flint was using ferric chloride as a coagulant. Consequently, as the City of Flint is not utilizing phosphate or alum as treatment chemicals since the source switch, the results indicate that it is likely that the phosphate and aluminum were being released from the scale within the distribution system network. This scale would have formed on the inside of the pipes in Flint during the time when the City was purchasing water from Detroit, as Detroit utilizes orthophosphate for corrosion control and alum as a coagulant in their water filtration process.

Research conducted by EPA on lead content in pipe scales has shown that scales which form on the inside of lead pipes can be released or dislodged into the water and may contain a high percentage of lead (Appendix C). Although the results received from Virginia Tech were indicative of the presence of a lead service line, the FWD indicated that no records existed to confirm whether any portion of the service line connecting to the [redacted] home was made of lead. However, given the high lead levels found, it was presumed that at least a portion of the service line was likely made of lead. In the course of following up on the high lead at the [redacted] home, additional sample results provided to EPA from other residences in Flint also showed high lead levels.

Primarily from a public health standpoint, but also from a research standpoint, it was important to try to find out what the cause of these very high lead levels might be. EPA Region 5, EPA's Office of Research and Development and others have been working

together collaboratively to better understand lead release mechanisms from lead service lines in anticipation of upcoming revisions to the Lead and Copper Rule (LCR) and as part of a collaborative effort in EPA Region 5 to study potential options for optimizing phosphate treatment to control lead in water and the need to reduce phosphorus discharges into the environment. Since the [redacted] service line was scheduled for replacement on May 6, 2015 and the presumption was that at least a portion of the service line was lead, EPA visited the [redacted] home on the day of the service line replacement to gather information and service line pipe samples that could provide additional information as to how lead levels could get as high as they did in this case.

The original service line to the [redacted] home was disconnected and two service line pipe segments from this service line were extracted on May 6, 2015. Additional tap water samples were collected also from two homes on Bryant Street that were connected to the same water main as the [redacted] home (Appendix A). The samples were collected from these homes as they had more typical service line lengths as compared with the [redacted] home. During the same visit, patches of asphalt were also noted along the curb on Browning Avenue, indicating that excavation had occurred. These patches, which were in proximity of the [redacted] service line in the parkway (see Appendix C) may be one of the potential factors contributing to the high lead at the [redacted] home, as it has been shown that physical disturbances to pipes can dislodge the scales within those pipes.

The two service line segments that were extracted were subsequently identified as galvanized iron pipe. Analyses conducted by Virginia Tech on the extracted portions of the pipe indicate that the galvanized iron pipe was fairly typical in terms of composition (see Appendix C). The galvanized iron portion ran from inside the [redacted] home to the external shut-off valve at the corner of [redacted] and Bryant Street. The remainder of the [redacted] original service line from the shut-off valve to the water was made of lead.

Although the service line had been disconnected from the [redacted] home, it was not possible to retrieve a segment of the lead portion of the service line as it was beyond the shut-off valve which had been closed and left in place. Following the disconnection of the original service line, a new service line made of copper was installed from the [redacted] home to the water main in front of the home on [redacted]. Subsequent to the replacement of the service line at the [redacted] home, water samples were also collected from the [redacted] home and sent to the EPA Chicago Regional Laboratory for analysis. In all three homes, the sequential samples were collected using standard protocols used in prior sequential sampling efforts to capture water samples reflecting lead levels from the kitchen tap to the water main. Two additional samples were collected from the water heater drain valve at the [redacted] home to determine if lead deposits had accumulated in the water heater, and a final sample was collected from the bathroom tap. The sequential sampling results indicate that the service line replacement eliminated the high lead levels and that no residual lead had accumulated within the plastic plumbing of the [redacted] residence, which was a potential concern and possibility based on prior research. One of the two samples collected from the [redacted] hot water heater had high lead (32 µg/L), likely from lead particulate that had accumulated in the tank, and the sample collected from the bathroom was 5.5 µg/L.

The sequential samples collected from the two homes on Bryant Street had differing results. At the first home (Site 2), a series of 15 sequential one-liter samples were collected and the results are indicative of a service line that does not contain any portion that is made of lead. Consequently the lead results were low overall for samples representative of the service line. The first sample in the sequential sampling series was the highest, which potentially indicates the presence of leaded brass in the faucet or underlying sink fixtures. Some leaded brasses manufactured prior to the 2011 lead-free law have been shown to release high levels of lead in certain water qualities. Leaded-solder was ruled out as the home plumbing consisted of galvanized iron pipe, and it is presumed that if the galvanized iron pipe were contributing the higher lead, the lead levels would be more consistent in all 15 samples.

At the second home (Site 3), a series of 15 sequential one-liter samples were collected from the kitchen tap and the results indicated that there were no significant sources of lead within the home plumbing but that a portion of the service line is likely made of lead, as indicated by the characteristic peaking of lead levels in the liters capturing water from the service line between the property and the water main, where the portions of many service lines in Flint are made of lead.

All three sets of sequential samples were analyzed for lead, copper, iron, phosphorus and cadmium. In contrast to the samples analyzed by Virginia Tech from the [redacted] home prior to the removal of the original service line, no phosphorus was present in the sequential samples at the [redacted] home following the replacement of the service line. In addition, no phosphorus was detected in the sequential samples from the two homes on Bryant Street. These results indicate that the source of high lead, aluminum and phosphorus in the analyses conducted by Virginia Tech was likely dislodged or disintegrated scale from within the [redacted] original service line.

The sequential sampling results from the [redacted] home before and after service line replacement, as well as the results from the two homes on Bryant Street are included in Appendix B.

Although relative contributions cannot be determined, there are a number of factors that could have contributed to the high lead levels found at the [redacted] home as follows:

1) Corrosiveness of water and lack of mitigating (corrosion control) treatment

The corrosiveness of the water and the absence of mitigative treatment to control lead release are well known factors that can contribute to high lead release.

2) Presence of a lead service line

Lead service lines are the largest source of lead, when present, and can contribute up to 75 percent of the total mass of lead released into the water. The portion of the original service line from the water main to the external shut-off valve at the corner of [redacted] and Bryant Street, estimated to be approximately 25 feet in length, was found to be a lead

pipe. In addition, studies have also shown that the scales within galvanized iron pipe downstream of lead pipe segments can be 'seeded' with lead from the lead portion of the service line. The [redacted] service line was much longer than most typical service lines which would allow accumulation of a greater total mass of scale within the pipe.

3) Physical disturbances

A recent EPA study indicates that physical disturbances in proximity to lead service lines can cause the dislodging of the protective scales from within the service lines. The photograph in Appendix C shows the scale that was dislodged from inside a lead service line during routine maintenance work in another city due to a physical disturbance of the line. The dislodged scale and sediment contained a very high concentration of lead. At the time of the EPA visit to the [redacted] home, there were two patches of new asphalt visible on [redacted] along the parkway where the [redacted] original service line was located, indicating recent excavation and possible recent physical disturbances to the [redacted] service line (Appendix C). These potential disturbances were along the galvanized iron section of the service line and as noted above, research has shown that the presence of lead pipe upstream can 'seed' the galvanized iron pipe downstream with lead, which results in an accumulation of lead-bearing scales within the galvanized pipe downstream of the lead portion of the service line. It is reasonable to assume that these physical disturbances to the galvanized iron portion of the service line could therefore result in the same dislodging of scale and sediment as studies have shown can happen with lead service lines.

The street disturbances on [redacted] occurred after the [redacted] moved into the home along the portion of the service line made of galvanized iron pipe. There were no visible signs of disturbance on Bryant Street where the lead portion of the [redacted] service line was situated (see Appendix C). It is likely, given the extremely high lead levels found and the co-occurrence of aluminum, phosphorus and lead, that the long segment of galvanized iron pipe was seeded with lead over the entire length of the pipe and the physical disturbances and other factors such as the water chemistry resulted in the release of large amounts of the high-lead bearing scale and sediment into the water. Virginia Tech also found nearly perfect correlations between the lead in water and markers for galvanized pipe scales including zinc.

Recommendations

As indicated by the results from the [redacted] home and previous EPA work, the presence of lead pipes over many years has likely resulted in the accumulation of lead in the scales within non-lead pipes downstream of the lead pipe and physical disturbances to the leaded or non-leaded portions of the service lines have the potential to release large amounts of scale and sediment that could pose an immediate and acute health hazard to the residents. Consequently, even with corrosion control treatment in place in the future, physical disturbances will be capable of dislodging the high lead-bearing scale and sediment from non-lead pipes as well as lead pipes, as was the case in the earlier EPA study.

Obtaining information on the lead reservoirs in the scales within the lead and non-leaded portions of intact service lines is essential for determining the potential risk to residents

from lead-bearing scale released as lead lines are replaced as well as the risk that may remain following removal of the lead lines, where the non-leaded portions of service lines are left in place.

As the [redacted] service line was very long compared to the length of most typical service lines, it is important to assess the potential risk posed by the scale reservoirs in more typical lengths of service lines by extracting both the leaded and non-leaded portions of service lines which have not been physically disturbed. The service lines chosen for extraction and analysis should be representative of the materials commonly used downstream of the lead pipe (e.g., galvanized iron, copper, plastic). Extraction/handling procedures should be developed by EPA to ensure that damage to the scales from the excavation, extraction and delivery of the service line segments is minimized. Sequential sampling should also be conducted on a representative group of homes with common plumbing materials (e.g., galvanized iron, copper, plastic) to determine the extent to which the lead from the service line has seeded the interior plumbing in homes.

It is also critically important to develop and incorporate ongoing training and public education on the potential for high lead release from the scales as a result of any future physical disturbances to service lines and mitigative actions that residents can take to lower their exposure risk. The training and educational material should be assessed for clarity, meaningfulness, and accessibility by a group of residents and health experts to ensure the effectiveness of the communications.

At a minimum, immediate training and public education on the potential risks posed by physical disturbances to service lines should be developed by communications experts and provided to residents, community groups, elected officials, health departments, pediatricians and gynecologists, water and non-water utilities (gas, electric, cable, etc.), plumbing organizations and contractors. Residents should be notified of scheduled work by water and non-water utilities and informed of the potential risk of increased lead levels due to these disturbances.

Appendix A – Background Information

National Primary Drinking Water Regulations (NPDWR) Violations – City of Flint

Following the switch to the Flint River, the City of Flint experienced a series of NPDWR violations as follows:
Acute Coliform MCL violation in August 2014
Monthly Coliform MCL violation in August 2014
Monthly Coliform MCL violation in September 2014
Average TTHM MCL violation in December 2014
Average TTHM MCL violation in March 2015
Average TTHM MCL violation in June 2015

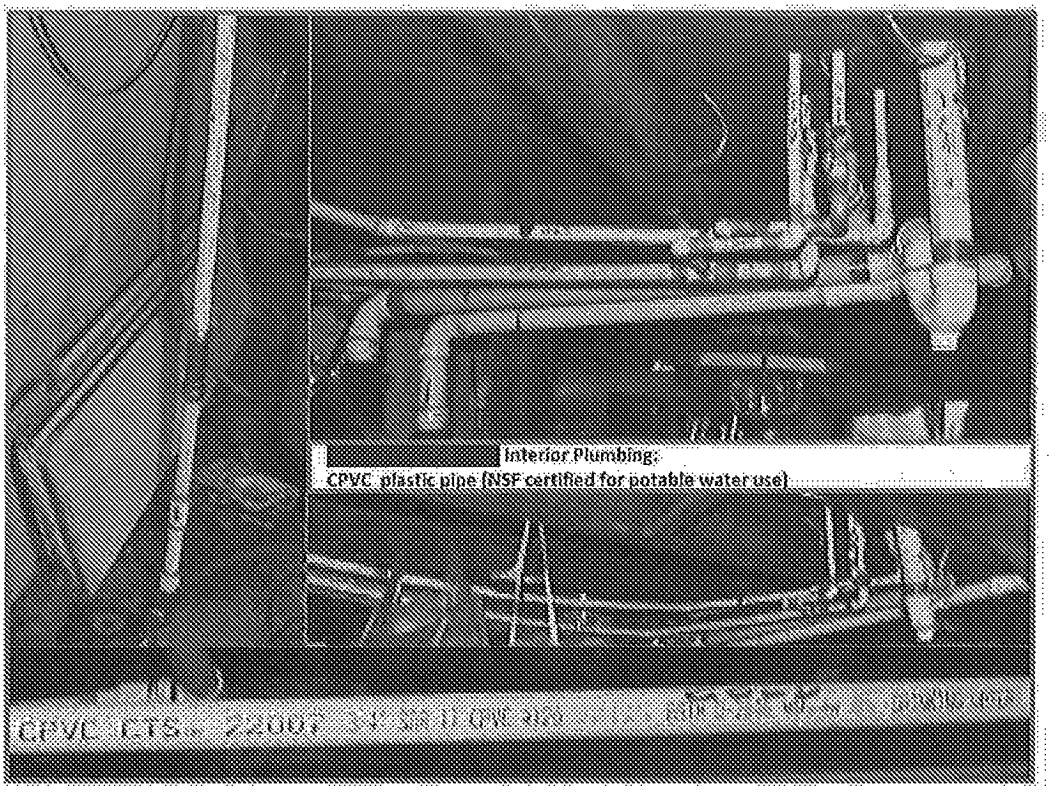
Sampling Sites

The map below shows the three homes that were sampled as provides information on the length of the service lines and the plumbing material. Two portions of the original service line were extracted and analyzed and a third portion was collected from the entry point into the home, but not analyzed.

[map redacted because it shows Personally Identifiable Information]

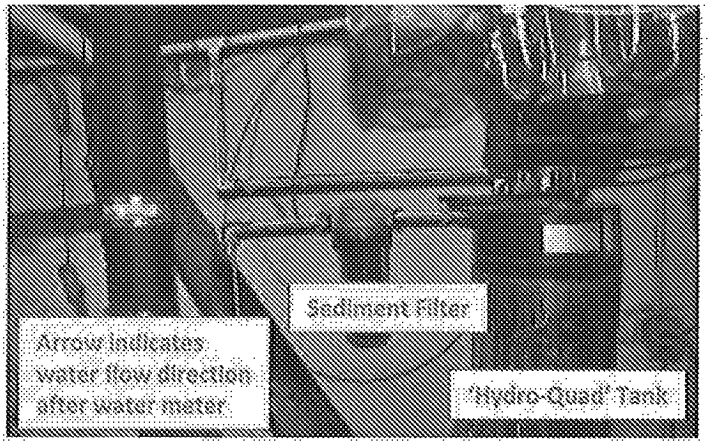
Internal Plumbing – [redacted]

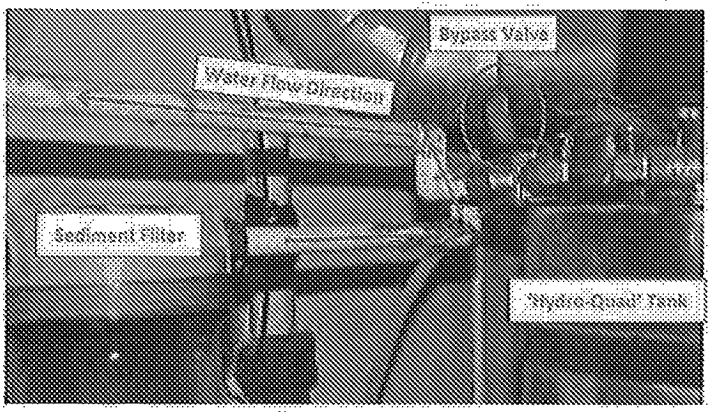
The following pictures were taken at the [redacted] home located at [redacted]. With the exception of a a few minor metallic connectors, all potable water plumbing in the home was found to be CPVC plastic pipe which is NSF-certified for drinking water use.

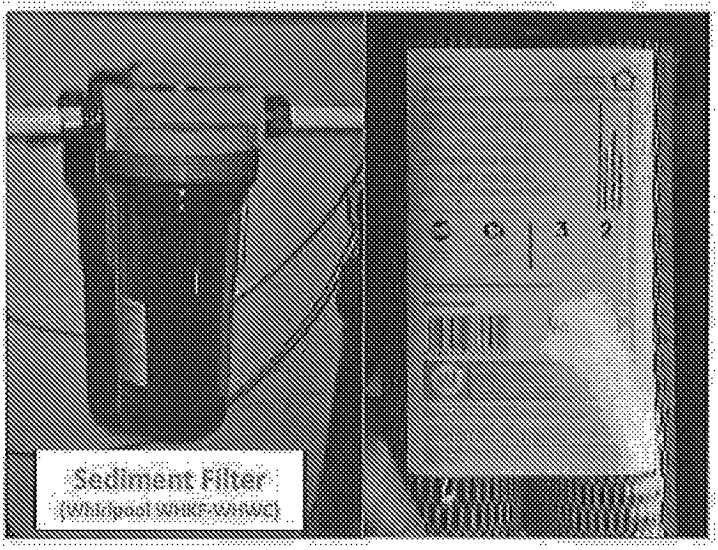


Treatment Units – [redacted]

The [redacted] home has a whole-home sediment filter, as well a non-functioning 'Hydro-Quad Commercial Water Processor' which is bypassed. There was no iron filter in the home as had been previously reported.







Appendix B – Analytical Results

Lead in water sampling results from the [redacted] residence ([redacted])

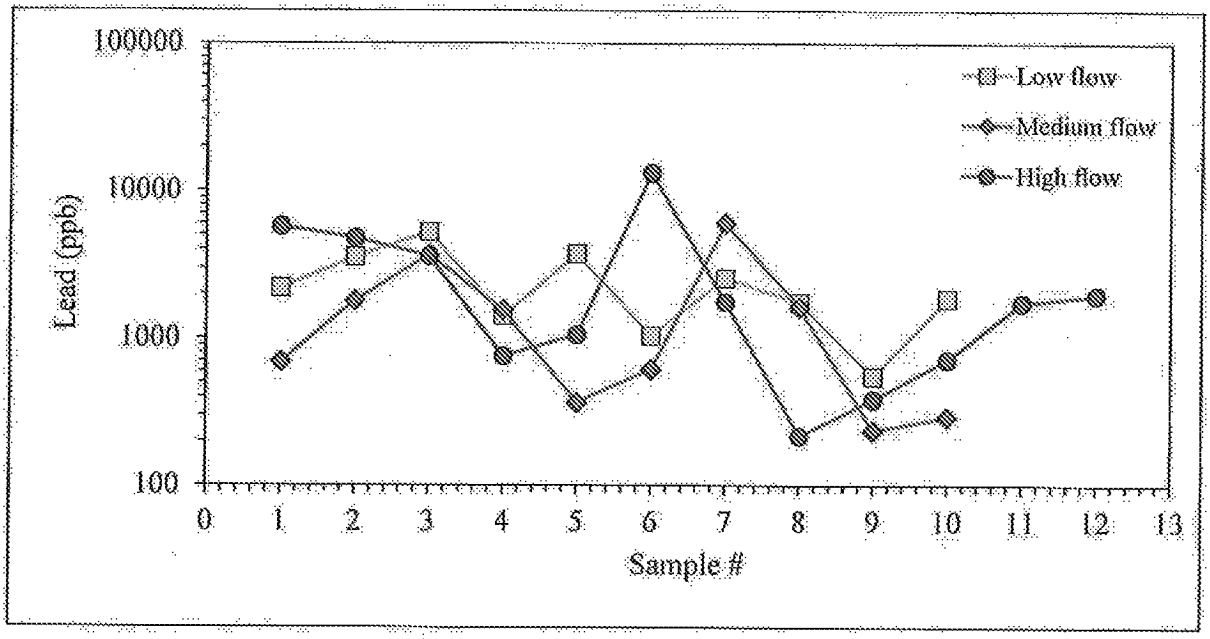
City of Flint Samples

The City of Flint collected water samples from the [redacted] residence and analyzed them for lead. The results for each date are listed below.
February 18, 2015: 104 µg/L
March 3, 2015: 397 µg/L
April 2, 2015: 707 µg/L*

*This sample result had not been provided to the [redacted] at the time the interim report was written.

Virginia Tech Sampling Results (provided courtesy of Virginia Tech)

Samples were collected from the [redacted] home following an extended stagnation period (April 3, 2015 to April 27, 2014) after the water at the [redacted] residence had been shut off. The water was turned back on and three sets of sequential samples were collected on April 28, 2015, at different flow rates (low, medium and high).



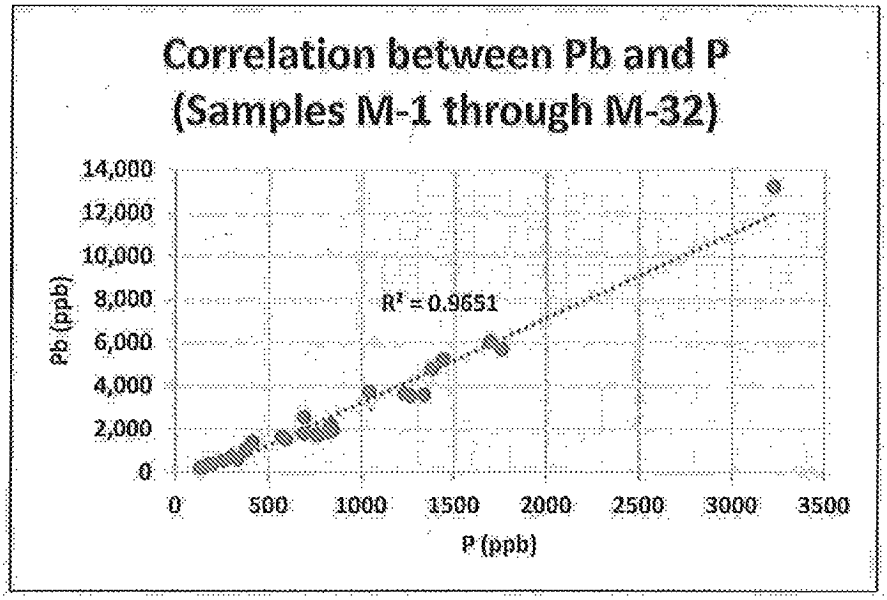
	Low Flow									
	1 L Sample Bottle							125 mL Sample Bottle		
Element (units)	M-1	M-2	M-3	M-4	M-5	M-6	M-7	M-21	M-22	M-23
Ag (ppb)	0	0	0	0	0	0	0	0	0	0
Al (ppb)	2,285	4,199	7,683	1,856	5,623	1,422	3,413	1,865	666	2,015
As (ppb)	3.3	3.9	4	2	3.2	2	2.6	3.6	1.9	3.1
Ba (ppb)	31.3	39.8	27.7	21.2	24.2	20.9	22.8	31.3	21.3	32.6
Ca (ppb)	43,150	43,620	43,580	42,590	43,030	42,030	42,440	40,790	41,050	41,460
Cd (ppb)	2.5	4.2	5.7	1.9	3.9	2	2.5	2.2	1.4	2.4
Cl (ppm)	1,206	1,148	1,272	1,178	1,187	1,214	1,218	1,641	1,076	1,044
Co (ppb)	1.1	1.7	0.9	0.4	0.7	0.4	0.5	0.9	0.3	1
Cr (ppb)	2.1	2.5	2.6	1.3	1.9	1.6	1.5	1.8	1.3	1.7
Cu (ppb)	235	355	294	94	146	101	112	180	82	178
Fe (ppb)	3,598	4,928	3,419	1,446	3,029	2,142	1,780	3,096	1,344	3,241
K (ppb)	3,480	3,508	3,445	3,435	3,430	3,391	3,409	3,256	3,319	3,341
Mg (ppb)	10,310	11,910	17,990	11,290	15,470	10,610	12,720	8,861	9,396	9,098
Mn (ppb)	1,734	2,790	1,093	462	703	429	652	1,382	442	1,509
Mo (ppb)	2.3	2.3	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.8
Na (ppb)	17,790	17,860	17,810	17,620	17,650	17,410	17,610	16,960	17,100	17,280
Ni (ppb)	9.8	16	30.7	8.1	23.2	6.2	15.3	6.6	3.7	6.8
P (ppb)	835	1,267	1,441	416	1,040	379	691	773	261	819
Pb (ppb)	2,171	3,550	5,224	1,412	3,735	1,038	2,542	1,759	552	1,857
S (ppm)	28.5	28.7	28.5	28.4	28.5	28	28	26	27	27.1
Se (ppb)	0.2	0	-0.1	0.1	0.2	0	0.3	0	0	0.2
Si (ppb)	3,212	5,281	12,320	4,474	9,401	3,770	6,231	2,619	2,582	2,775
Sn (ppb)	4.6	4.9	6.1	2.2	4.5	2.3	3	2.3	1.5	2.3
Sr (ppb)	129.4	132.3	128.5	125	127.7	125.3	126.1	126.3	125.5	128
Ti (ppb)	3.4	5.8	8.3	2.1	5.8	1.9	3.1	3	1.4	3.1
U (ppb)	1	1.6	2.6	0.8	1.9	0.7	1.2	0.9	0.4	0.9
V (ppb)	13.9	17.5	23.9	9.8	17.6	8.9	13.8	12.2	6	10.8
Zn (ppb)	1,055	1,848	2,731	777	1,890	839	979	746	513	808

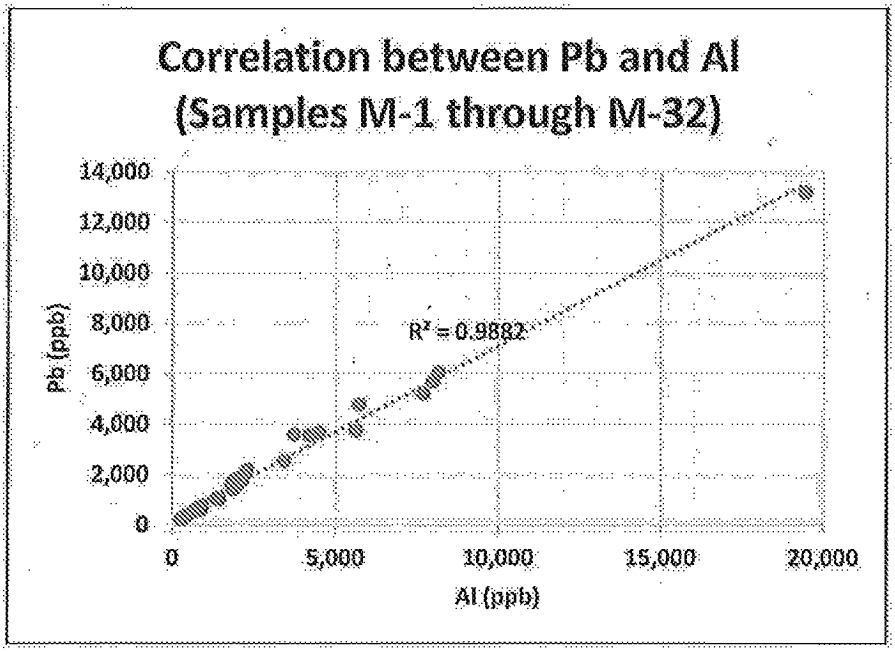
	Medium Flow									
	1 L Sample Bottle							125 mL Sample Bottle		
Element (units)	M-8	M-9	M-10	M-11	M-12	M-13	M-14	M-24	M-25	M-26
Ag (ppb)	0	0	0	0	0	0	0	0	0	0
Al (ppb)	891	2,142	4,493	1,810	431	877	8,159	2,005	286	347
As (ppb)	2.2	2.9	3.9	2.5	2	2.3	4.6	2.7	1.8	2
Ba (ppb)	22	29.1	36.3	28	18.9	22.6	37.1	26.2	18.9	19.4
Ca (ppb)	41,520	41,580	42,080	41,490	41,020	40,850	42,010	40,940	41,110	40,550
Cd (ppb)	1.5	2.4	4	2.1	1	1.5	4.9	2.9	0.9	1
Cl (ppm)	1,329	1,211	1,252	1,225	1,507	1,321	1,324	1,179	1,258	1,318
Co (ppb)	0.4	0.8	1.3	0.7	0.2	0.4	1.4	0.7	0.2	0.2
Cr (ppb)	1.1	1.5	2.2	1.4	1.2	1.1	3.5	2.1	1.1	1.1
Cu (ppb)	104	151	257	144	65	119	267	166	52	59
Fe (ppb)	1,510	2,476	4,254	2,258	912	1,471	4,563	3,450	711	820
K (ppb)	3,363	3,391	3,370	3,352	3,344	3,311	3,360	3,308	3,356	3,311
Mg (ppb)	9,769	9,960	12,360	9,703	9,331	9,513	16,430	10,820	9,237	9,166
Mn (ppb)	498	1,185	1,878	1,052	231	536	1,947	967	167	220
Mo (ppb)	1.8	1.8	1.8	1.9	1.8	1.8	2.2	2	1.7	1.7
Na (ppb)	17,240	17,370	17,370	17,310	17,190	17,010	17,320	17,020	17,140	16,950
Ni (ppb)	4.1	7.7	16.2	6.8	2.7	3.8	33	7.7	2.1	2.4
P (ppb)	321	690	1,233	595	178	332	1,697	573	144	163
Pb (ppb)	688	1,791	3,655	1,549	366	616	6,048	1,631	237	292
S (ppm)	27.6	27.5	27.3	27.3	27.1	26.9	27	26.4	27	26.6
Se (ppb)	0	0	0.2	0.1	0.1	0.2	0.2	0.3	0.1	0
Si (ppb)	2,892	3,591	6,180	3,307	2,445	2,756	11,280	4,184	2,274	2,303
Sn (ppb)	2.2	2.6	4.4	2.5	1.4	1.8	4.9	3	1	1.1
Sr (ppb)	124	128	128	126	124	124	128	126	125	124
Ti (ppb)	1.6	2.9	5.5	2.5	1	1.2	7.7	2.7	0.4	0.6
U (ppb)	0.5	0.9	1.7	0.9	0.4	0.5	2.7	0.9	0.3	0.3
V (ppb)	8.4	11.9	17.5	10.4	8.2	8.4	25.1	9.7	6	7.4
Zn (ppb)	657	933	1,669	836	366	592	1,934	1,304	305	337

	High Flow											
	1 L Sample Bottle						125 mL Sample Bottle					
Element (units)	M-15	M-16	M-17	M-18	M-19	M-20	M-27	M-28	M-29	M-30	M-31	M-32
Ag (ppb)	0	0	0	0	0	0	0	0	0	0	0	0
Al (ppb)	7,984	5,713	3,714.	912	1,354	19,440	1,893	248	455	822	1,859	2,176
As (ppb)	5	4.1	4.3	1.9	2.1	7.4	2.9	2	2.2	2.3	3.2	3.4
Ba (ppb)	40	37	45	21	22	41	32	19	20	22	31	34
Ca (ppb)	42,200	41,870	41,760	41,120	41,110	43,860	41,410	40,730	40,990	40,550	41,000	41,050
Cd (ppb)	5.6	4.1	3.7	1.4	1.9	9.3	2.2	0.9	1.2	1.6	2.1	2.5
Cl (ppm)	1,347	1,261	1,088	1,150	1,138	1,285	891	1,261	1,309	1,215	1,121	1,226
Co (ppb)	1.6	1.4	1.7	0.4	0.4	1.9	0.9	0.2	0.3	0.4	0.9	1
Cr (ppb)	2.8	2.4	2.6	1.3	1.3	4.8	1.7	1.1	1.5	1.5	1.6	1.8
Cu (ppb)	541	24	276	89	105	351	165	52	70	96	167	192
Fe (ppb)	4,926	4,288	5,323	1,509	1,705	6,491	3,074	667	1,215	1,591	3,026	3,349
K (ppb)	3,363	3,350	3,343	3,327	3,305	3,410	3,361	3,320	3,348	3,287	3,333	3,331
Mg (ppb)	15,910	13,430	9,758	9,633	10,240	29,890	9,110	9,158	9,305	9,462	9,051	9,157
Mn (ppb)	2,067	2,058	2,818	498	503	1,975	1,401	149	301	534	1,369	1,638
Mo (ppb)	2	2	2	1.9	1.9	2.2	1.8	1.8	1.8	1.8	1.8	1.8
Na (ppb)	17,340	17,310	17,280	17,110	16,980	17,540	17,370	17,040	17,210	16,840	17,250	17,230
Ni (ppb)	30.6	21.7	11.8	4.6	5.8	80	7.5	3	2.8	3.9	6.3	7.2
P (ppb)	1,758	1,378	1,336	308	378	3,224	771	134	199	299	756	847
Pb (ppb)	5,702	4,781	3,585	755	1,055	13,200	1,752	217	384	715	1,742	1,962
S (ppm)	27.2	26.9	26.8	26.7	26.6	27.1	27	26.6	26.9	26.2	26.8	26.4
Se (ppb)	0.2	0.2	0.2	0	0	0.1	0	0.2	0.1	0.2	0.1	0.1
Si (ppb)	10,530	7,660	3,636	2,830	3,573	26,740	2,680	2,258	2,422	2,687	2,661	2,826
Sn (ppb)	5.6	4.2	3.8	1.8	2	8.9	2.2	1	1.3	1.6	2.2	2.5
Sr (ppb)	129	128	129	125	125	131	128	125	125	125	127	127
Ti (ppb)	8.2	6.1	6.2	1.1	2.2	16.9	3.7	0.5	0.8	1.3	3	3.1
U (ppb)	2.7	2	1.6	0.5	0.6	5.6	0.9	0.3	0.4	0.5	0.9	1
V (ppb)	24.3	19.8	16.3	6.8	8.3	51.3	10.2	6.5	7.8	8	10.9	11.7
Zn (ppb)	2,520	1,622	1,305	593	796	3,652	752	293	395	603	739	856

Correlation between lead, phosphorus and aluminum

The correlation of lead and phosphate, as well as lead and aluminum, indicate that the samples were captured scale and sediment that had formed inside the pipes while the City of Flint was purchasing water from Detroit. The absence of these chemicals in the current treatment provided by Flint indicate that these elements were not in the water passing through the pipes, but came from the scales inside the service line which had disintegrated into the water or were dislodged into the water.

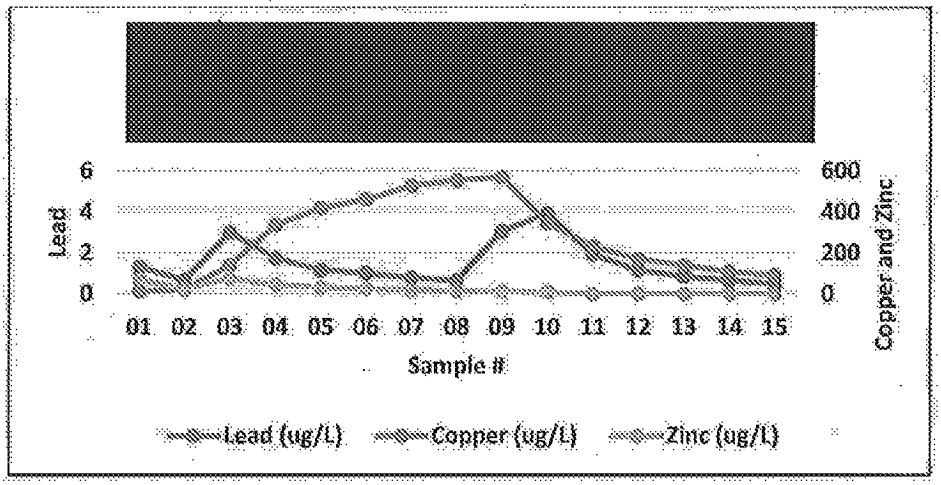




U.S. EPA Region 5 sampling

[redacted] residence (following replacement of service line)

Following the replacement of the [redacted] original service line, a series of 15 sequential samples were collected from the kitchen tap to measure the lead levels and other parameters to ensure that the high lead from the original service line had not contaminated the interior plumbing at the [redacted] home. With the exception of two areas, lead levels were low throughout the [redacted] plumbing following the service line replacement. The two sources of lead that were still detected in the plumbing are likely the water meter (Sample 3) and the new external service shut-off valve (Samples 9-11). Although new brass plumbing components must be lead-free, there can still be some lead that is released from these components.



[redacted] ([redacted] home)

After Service Line Replacement

Sample #	Site Description	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	Kitchen	13.1	1.3	70.9	U	0.171	U
02	Kitchen	20.1	0.687	23.2	U	0.117	U
03	Kitchen	141	3.01	76.8	U	0.144	U
04	Kitchen	336	1.76	45.4	U	0.151	U
05	Kitchen	419	1.17	32.2	U	0.149	U
06	Kitchen	463	1.03	24.8	U	0.149	U
07	Kitchen	529	0.8	19.6	U	0.146	U
08	Kitchen	554	0.666	14.9	U	0.147	U
09	Kitchen	571	3.07	11.6	U	0.195	U
10	Kitchen	345	3.93	10.3	U	0.282	U
11	Kitchen	233	1.94	0	U	0.283	U

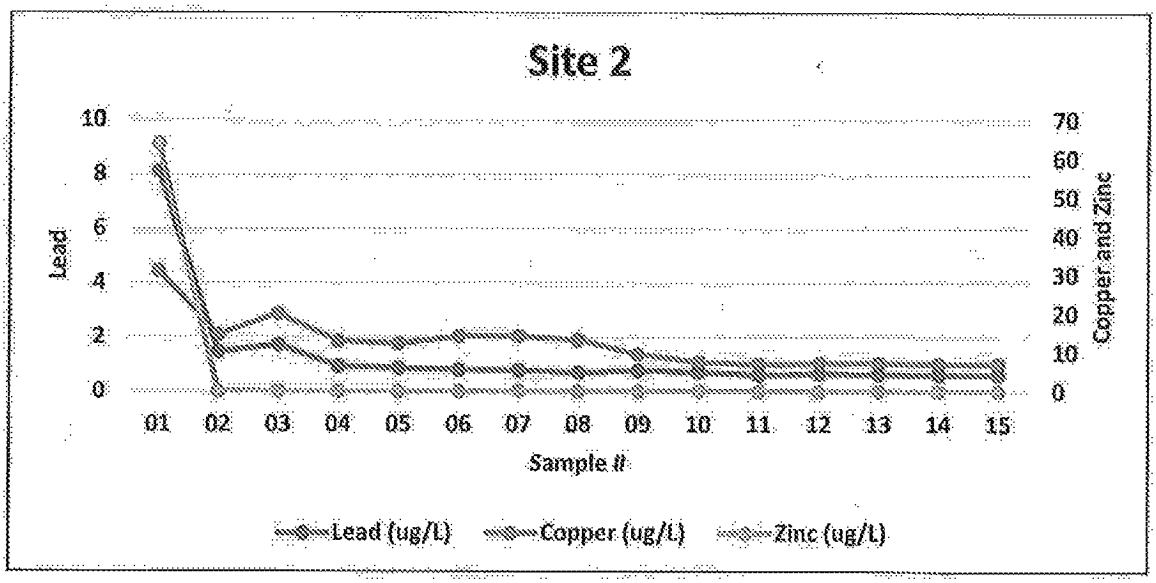
[redacted]. ([redacted] home)

After Service Line Replacement

Sample #	Site Description	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
12	Kitchen	171	1.17	0	U	0.290	U
13	Kitchen	139	0.864	0	U	0.292	U
14	Kitchen	110	0.67	0	U	0.294	U
15	Kitchen	91.5	0.505	0	U	0.297	U
16	Bathroom	29.7	5.52	71.3	U	0.259	U
17	Water Heater	70.4	31.7	883	U	0.540	0.0877
18	Water Heater	35	9.74	346	U	0.0870	U

Site #2 (Bryant Street)

Based on the results found at this home, it does not appear that any portion of the service line is made of lead, and as a result, the lead levels are low in most samples. The exception is in Sample 1 which reflects water within approximately 15 feet of the kitchen tap and is likely due to brass components in the faucet, underlying valves and fixtures.



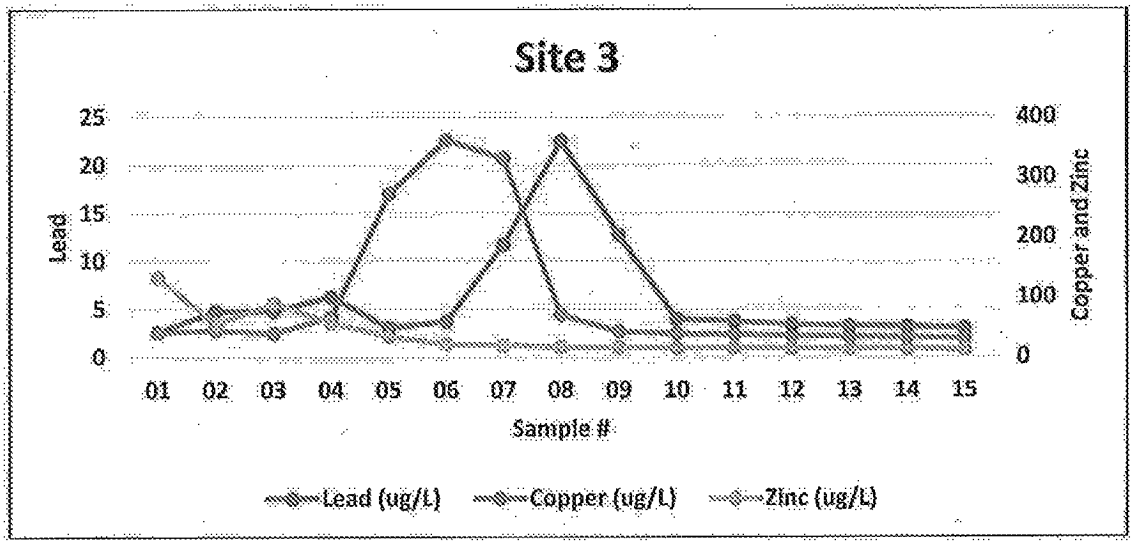
Site 2

(Note: U for Zinc replaced with 0 to show on graph)

Sample #	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	31.1	8.11	64	U	0.0307	U
02	14.7	1.46	U	U	0.0302	U
03	20	1.72	U	U	0.0302	U
04	13	0.933	U	U	0.0301	U
05	12.3	0.862	U	U	0.0311	U
06	14.2	0.795	U	U	0.0298	U
07	14.2	0.769	U	U	0.0311	U
08	13.3	0.691	U	U	0.0317	U
09	9.6	0.774	U	U	0.0319	U
10	7.57	0.715	U	U	0.0313	U
11	7.04	0.611	U	U	0.0301	U
12	7.3	0.655	U	U	0.0336	U
13	7.37	0.644	U	U	0.0308	U
14	7.09	0.631	U	U	0.0313	U
15	7.05	0.621	U	U	0.0300	U

Site #3 (Bryant Street)

Based on the results found at this home, it appears that the portion of the service line from the external service shut-off valve to the water main is made of lead as indicated by the increase in lead levels in samples 7 through 9.



Site 3

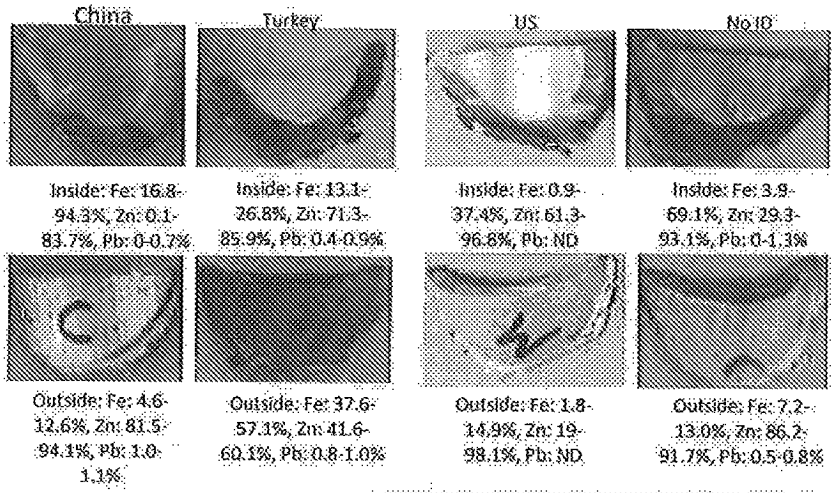
Sample #	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	40.7	2.63	132	U	0.0622	U
02	44.4	4.77	55.3	U	0.249	U
03	39.3	4.79	88.8	U	0.179	U
04	66.8	6.26	57.2	U	0.346	U
05	272	3.07	34.2	U	0.105	U
06	362	3.7	21.4	U	0.0598	U
07	331	11.7	19.5	U	0.0512	U
08	69.9	22.5	16.6	U	0.0399	U
09	42.5	12.7	15.1	U	0.0480	U
10	38.4	3.94	14.4	U	0.0489	U
11	37.5	3.72	14.5	U	0.0492	U
12	34.8	3.39	13.6	U	0.0481	U
13	33.1	3.23	13.1	U	0.0484	U
14	32.8	3.2	13	U	0.0480	U
15	31.4	3	12.3	U	0.0490	U

Analysis of [redacted] original service line pipe (galvanized iron portions)

Lead can also be found in galvanized pipe coatings as a contaminant in the zinc that is used to coat the surface of iron pipe in the galvanizing process. As such, two sections of the [redacted] original service line were analyzed for lead content.

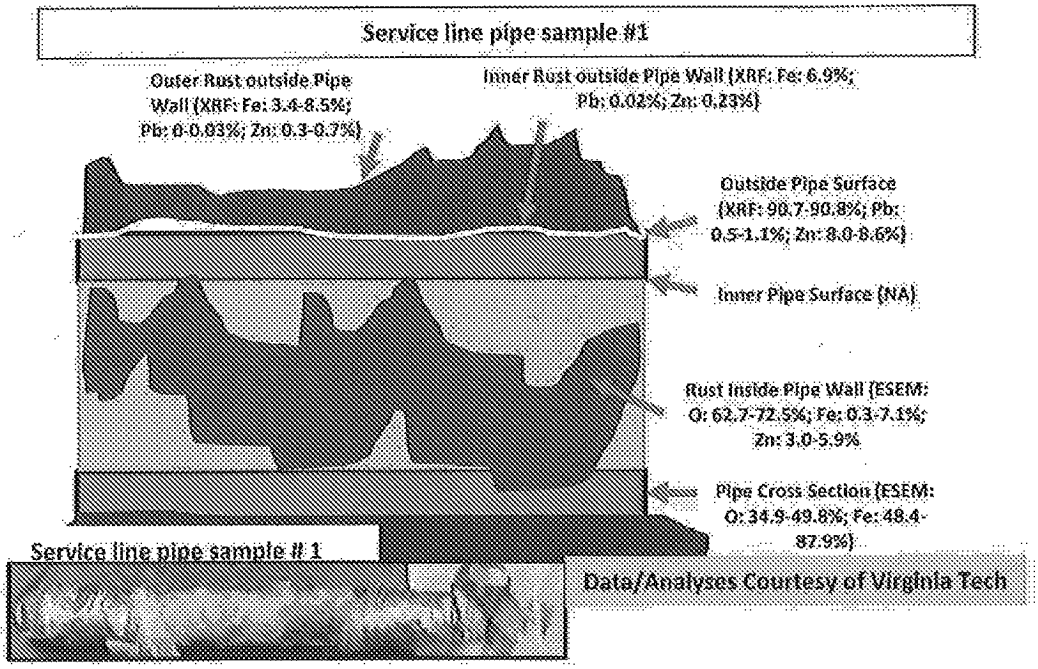
The images and data presented below are for a typical range of galvanized iron pipe.

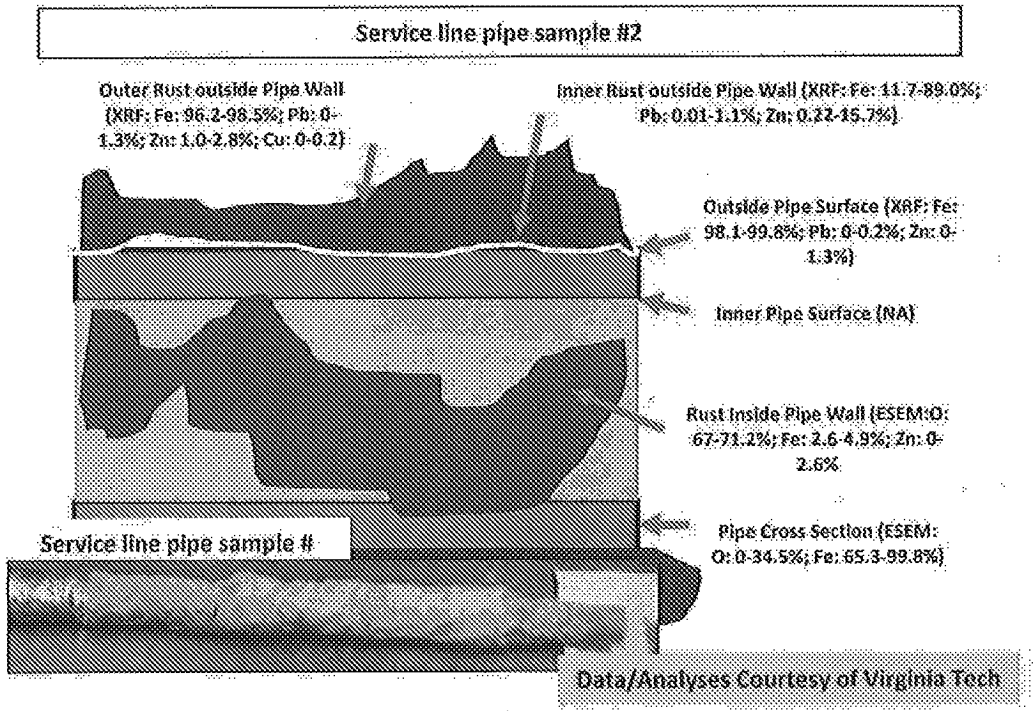
Lead Content of Galvanized Iron Pipe - Examples



Data/Analyses Courtesy of Virginia Tech

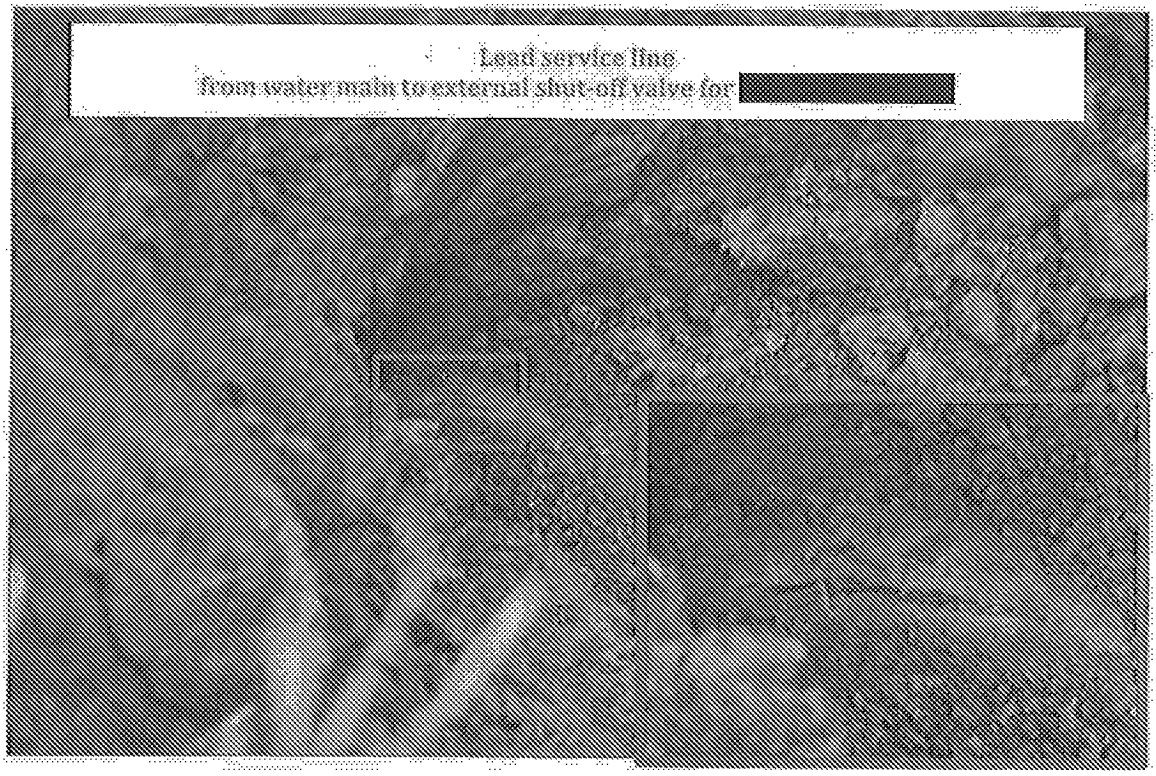
Below are the results of the galvanized pipe analyses conducted by Virginia Tech on the two sections of galvanized iron pipe from the [redacted] original service line. The analyses indicate that the [redacted] original service line was a typical galvanized iron pipe.





Lead portion of the [redacted] original service line

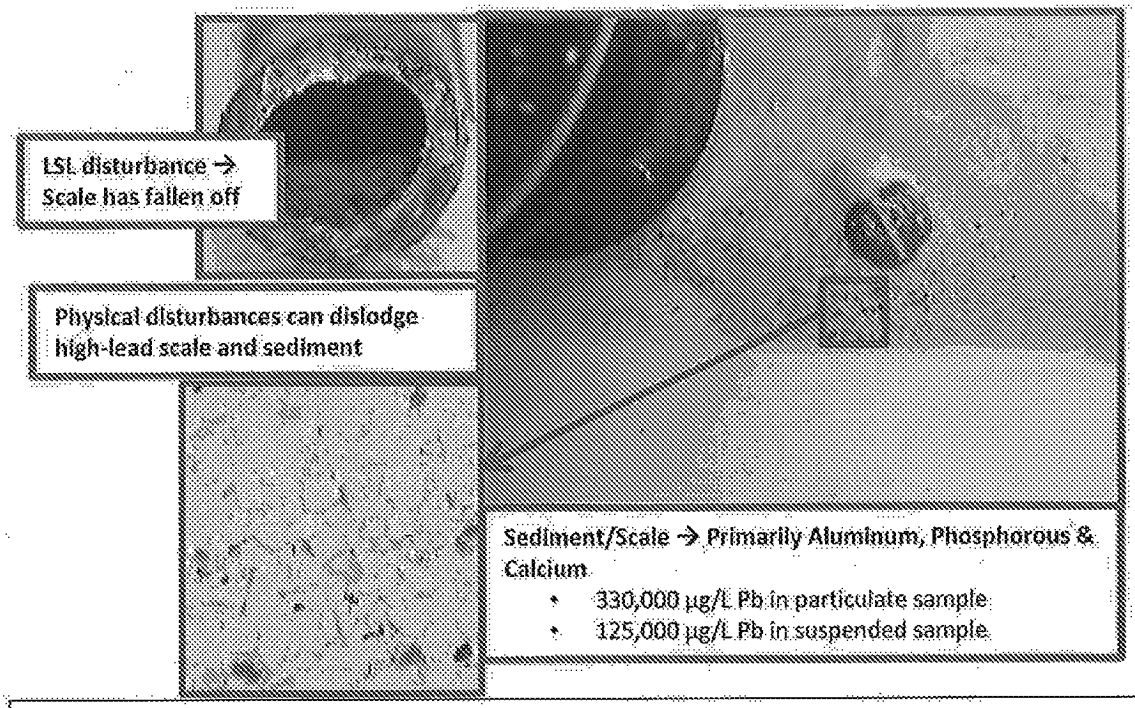
Lead service lines can contribute up to 75 percent of the total mass release into the water. The portion of the [redacted] original service line from the water main to the external shut-off valve at the corner of [redacted] and Bryant Street is made of lead and is estimated to be approximately 25 feet in length.



Appendix C – Additional Information

Physical disturbance of lead service lines

A recent EPA study indicates that physical disturbances to lead service lines or in proximity to lead service lines can cause the dislodging of the protective scales from within the lines. The photograph below shows the scale that was dislodged from inside a lead service line during routine maintenance work in another city due to a physical disturbance of the line. The dislodged scale and sediment contained a very high concentration of lead.



Lead service line disturbances were found to be a common factor for the majority of sites with high lead levels. It is also possible that low water usage may play a role in sites with the highest lead levels.

Lead service line scale analyses conducted by EPA's Office of Research and Development or obtained from peer-reviewed published literature from cities across the U.S. and in Canada (summarized below) show that scales within lead service lines can contain very high concentrations of lead. The yellow highlighted column in the table below shows the percentage of lead that has been found within different scales inside of lead service lines.

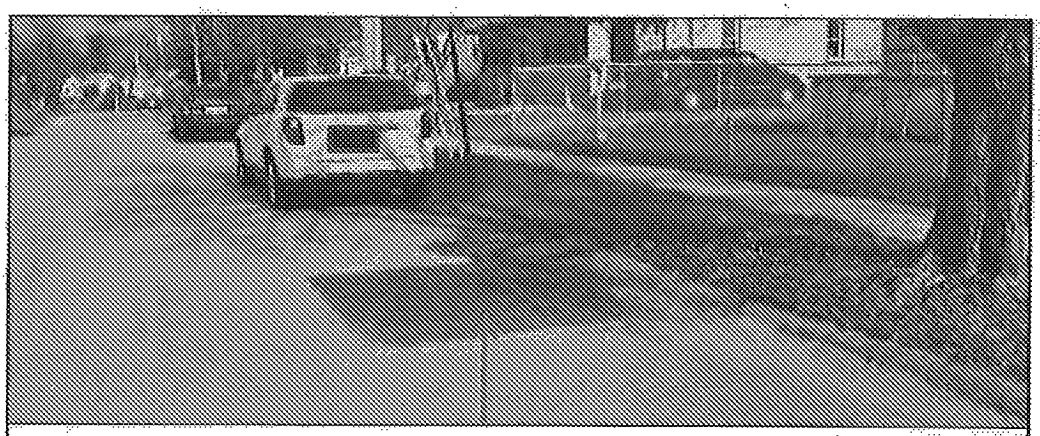
Lead & Element Percentages in Important Corrosion Byproduct Solids							
Mineral Name	Formula	% Pb	%C	%O	%S	% P	%Cl
litharge, massicot	PbO	97.80	0.00	7.20	0.00	0.00	
plattnerite, scrutinyite	PbO_2	86.60	0.00	13.40	0.00	0.00	
Cerussite	$PbCO_3$	77.50	4.50	18.00	0.00	0.00	
Hydrocerussite	$Pb_3(CO_3)_2(OH)_2$	80.10	3.10	16.50	0.00	0.00	0.00
Plumbonacrite	$Pb_{10}(CO_3)_6(OH)_6O$	81.30	2.80	15.70	0.00	0.00	0.00
Anglesite	$PbSO_4$	68.30	0.00	21.10	10.60	0.00	0.00

Lead & Element Percentages in Important Corrosion Byproduct Solids							
Mineral Name	Formula	% Pb	%C	%O	%S	% P	%Cl
Leadhillite, Susannite, MacPhersonite	$Pb_4(SO_4)(CO_3)_2(OH)_2$	76.80	2.20	17.80	3.00	0.00	0.00
Hydroxypyromorphite	$Pb_5(PO_4)_3OH$	77.43	0.00	15.55	0.00	6.95	0.00
Chloropyromorphite	$Pb_5(PO_4)_3Cl$	76.38	0.00	14.15	0.00	6.85	2.61
Tertiary Lead Orthophosphate	$Pb_3(PO_4)_2$	76.60	0.00	15.80	0.00	7.60	0.00
Lead(II) orthophosphate	$Pb_3(PO_4)_6$	76.60	0.00	15.80	0.00	7.60	0.00

While visiting the [redacted] home, two fresh patches of asphalt were seen along the parkway where the [redacted] original service line was located. The jarring and vibration associated with excavation can dislodge the high lead-bearing scales from within the service line pipes.

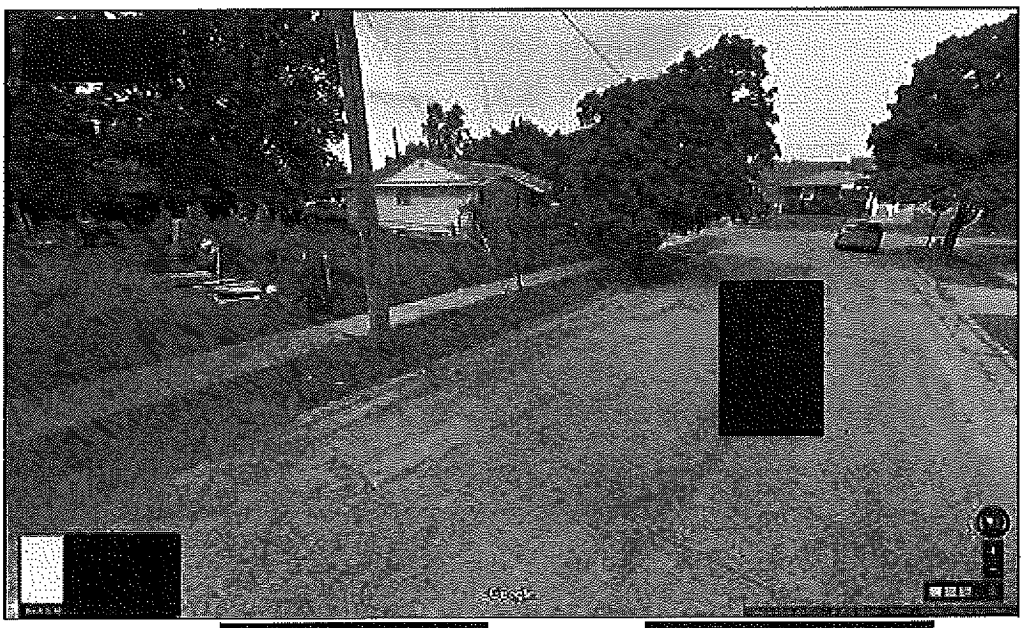
Recent patch (#1) of asphalt along curb next to the parkway where the [redacted] service line runs.

Photograph taken by U.S. EPA on April 27, 2015

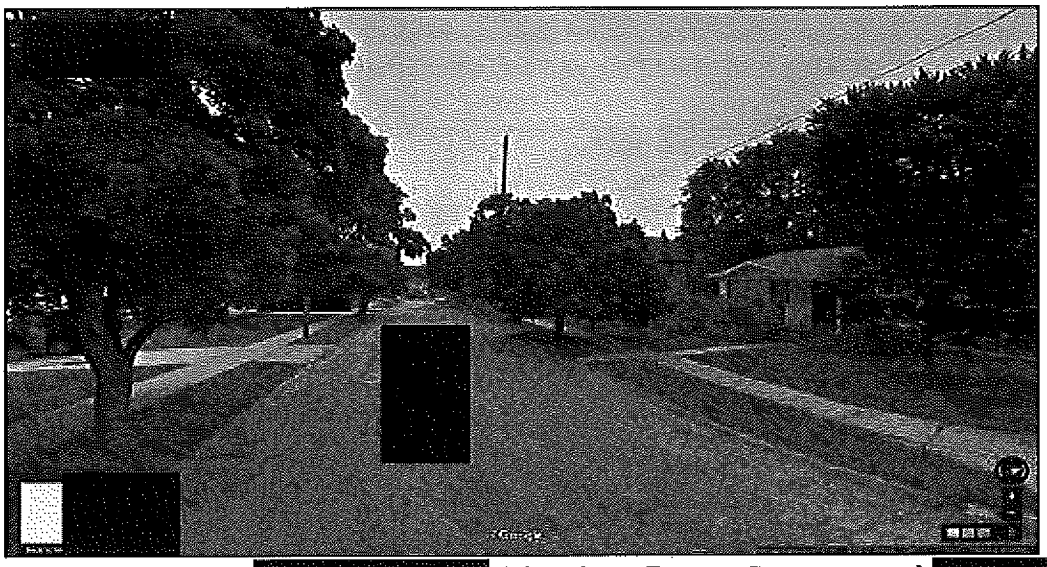


Recent patch (#2) of asphalt along curb next to the parkway where the [redacted] service line runs.

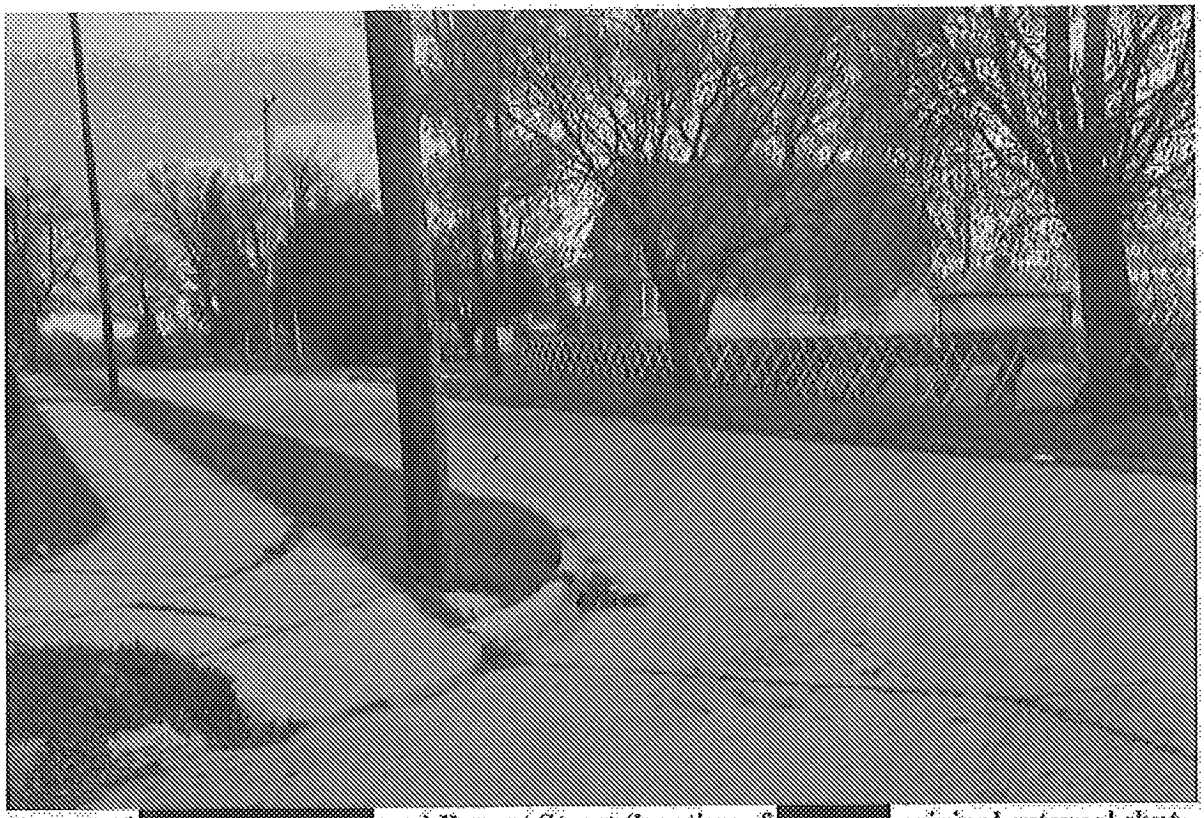
Photograph taken by U.S. EPA on April 27, 2015



July 2011 image [redacted] (view from [redacted] toward Bryant Street).
Google 'Street View' Image 1 captured in July 2011 shows no patches in street along curb next to the parkway where the [redacted] service line runs toward Bryant Street, indicating that the physical disturbances occurred after the date this image was captured (July 2011).



July 2011 image of [redacted] (view from Bryant Street toward [redacted]).
Google 'Street View' Image 2 captured in July 2011 shows no patches in street along curb next to the parkway where the [redacted] service line runs toward Bryant Street, indicating that the physical disturbances occurred after the date this image was captured (July 2011).



Corner of [redacted] and Bryant Street (location of [redacted] original external shut-off valve).
Photograph taken by EPA on April 27, 2015 shows no visible signs of physical disturbances in the vicinity of the lead portion of the [redacted] service line from the external shut-off valve to the water main on Bryant Street.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

WG-15J

June 24, 2015

MEMORANDUM

SUBJECT: High Lead Levels in Flint, Michigan – Interim Report

FROM: Miguel A. Del Toral
Regulations Manager, Ground Water and Drinking Water Branch

TO: Thomas Poy
Chief, Ground Water and Drinking Water Branch

The purpose of this interim report is to summarize the available information regarding activities conducted to date in response to high lead levels in drinking water reported by a resident in the City of Flint, Michigan. The final report will be submitted once additional analyses have been completed on pipe and water samples.

Following a change in the water source, the City of Flint has experienced a number of water quality issues resulting in violations of National Primary Drinking Water Regulations (NPDWR) including acute and non-acute Coliform Maximum Contaminant Level (MCL) violations and Total Trihalomethanes (TTHM) MCL violations as follows:

Acute Coliform MCL violation in August 2014
Monthly Coliform MCL violation in August 2014
Monthly Coliform MCL violation in September 2014
Average TTHM MCL violation in December 2014
Average TTHM MCL violation in June 2015

In addition, as of April 30, 2014, when the City of Flint switched from purchasing finished water from the City of Detroit to using the Flint River as their new water source, the City of Flint is no longer providing corrosion control treatment for lead and copper.

A major concern from a public health standpoint is the absence of corrosion control treatment in the City of Flint for mitigating lead and copper levels in the drinking water. Recent drinking water sample results indicate the presence of high lead results

in the drinking water, which is to be expected in a public water system that is not providing corrosion control treatment. The lack of any mitigating treatment for lead is of serious concern for residents that live in homes with lead service lines or partial lead service lines, which are common throughout the City of Flint.

In addition, following the switch to using the Flint River, the City of Flint began adding ferric chloride, a coagulant used to improve the removal of organic matter, as part of the strategy to reduce the TTHM levels. Studies have shown that an increase in the chloride-to-sulfate mass ratio in the water can adversely affect lead levels by increasing the galvanic corrosion of lead in the plumbing network.

Prior to April 30, 2014, the City of Flint purchased finished water from the City of Detroit which contained orthophosphate, a treatment chemical used to control lead and copper levels in the drinking water. When the City of Flint switched to the Flint River as their water source on April 30, 2014, the orthophosphate treatment for lead and copper control was not continued. In effect, the City of Flint stopped providing treatment used to mitigate lead and copper levels in the water. In accordance with the Lead and Copper Rule (LCR), all large systems (serving greater than 50,000 persons) are required to install and maintain corrosion control treatment for lead and copper. In the absence of any corrosion control treatment, lead levels in drinking water can be expected to increase.

The lack of mitigating treatment is especially concerning as the high lead levels will likely not be reflected in the City of Flint's compliance samples due to the sampling procedures used by the City of Flint for collecting compliance samples. The instructions from the City of Flint to residents direct the residents to 'pre-flush' the taps prior to collecting the compliance samples. A copy of the instructions provided by the City of Flint to residents will be included in the final report.

The practice of pre-flushing before collecting compliance samples has been shown to result in the minimization of lead capture and significant underestimation of lead levels in the drinking water. Although this practice is not specifically prohibited by the LCR, it negates the intent of the rule to collect compliance samples under 'worst-case' conditions, which is necessary for statistical validity given the small number of samples collected for lead and copper under the LCR. This is a serious concern as the compliance sampling results which are reported by the City of Flint to residents could provide a false sense of security to the residents of Flint regarding lead levels in the water and may result in residents not taking necessary precautions to protect their families from lead in the drinking water. Our concern regarding the inclusion of 'pre-flushing' in sampling instructions used by public water systems in Michigan has been raised with the Michigan Department of Environmental Quality (MDEQ). The MDEQ has indicated that this practice is not prohibited by the LCR and continues to retain the 'pre-flushing' recommendation in their lead compliance sampling guidance to public water systems in Michigan. A copy of the MDEQ guidance will be included in the final report.

In the case of the Flint resident that contacted U.S. EPA (Ms. Lee-Anne Walters), the initial results from drinking water samples collected by the City of Flint in her home

for lead were 104 ug/L and 397 ug/L. The level of iron in the water also exceeded the capability of the measurement (>3.3 mg/L). The lead results were especially alarming given that the samples were collected using the sampling procedures described above, which minimize the capture of lead. When contacted by U.S. EPA Region 5, the MDEQ indicated that the lead was coming from the Walters' plumbing. Ms. Walters had previously indicated that all of the plumbing in the home was plastic.

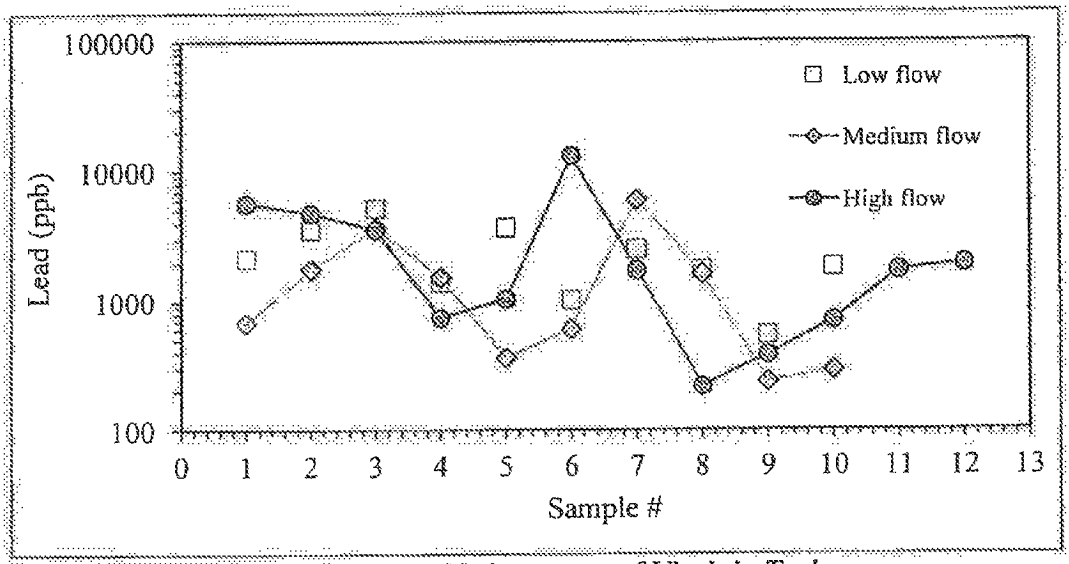
Following the confirmation of the initial high lead results, U.S. EPA Region 5 conducted two visits to the Walters' home on April 27, 2015 and May 6, 2015. Based on an inspection of the plumbing and subsequent sampling conducted at the Walters' residence, it was determined that except for a few minor metallic connectors, all interior plumbing, including the pipes, valves and connectors are made of plastic certified by the National Sanitation Foundation (NSF) for use in drinking water applications. Subsequent sampling showed that the faucets in the home appear to be compliant with the new lead-free requirements and are also not the source for the high lead levels. Our inspection of the interior plumbing and analysis of follow-up sampling results demonstrate that the home plumbing network is not the source of the high lead levels found at the Walters' residence. The photographs and all sampling results will be included in the final report.

Based on the U.S. EPA inspection and documentation of the plastic plumbing at the Walters' residence, it was suspected that the high lead was being introduced into the Walters' home plumbing from outside the home, likely from a lead service line. Three portions of the service line were extracted during a subsequent trip on May 6, 2015 and sent for analysis, when the Walters' service line was replaced. Analyses performed to date indicate that a portion of the service line is made of galvanized iron pipe. Inspection of the remaining portion from the water main to the external shut-off valve confirmed that the portion from the water main to the external shut-off valve is a lead service line.

Ms. Walters has also provided U.S. EPA with medical reports on her child's blood lead testing indicating that the child had a low blood lead level (2 ug/dL) prior to the source water switch and an elevated blood lead level following the switch (6.5 ug/dL). Redacted copies of these reports will also be included in the final report.

Subsequent to the discovery of high lead levels in the Walters' drinking water, the water to the Walters' home was shut off on April 3, 2015. The water was briefly turned back on to collect additional samples on April 28, 2015. Since the water had stagnated for an extended period of time, the kitchen tap was flushed for 25 minutes the night before collecting the samples. Three sets of samples were collected at different flow rates (10 at low flow, 10 at medium flow and 10 at high flow).

The drinking water samples collected from the Walters' residence on April 28, 2015 contained extremely high lead levels, ranging in value from 200 ug/L to 13,200 ug/L (see below).



Sample results and graph are provided courtesy of Virginia Tech

Additional sample results from resident-requested samples have also shown lead levels in excess of the lead action level. As with the samples collected by the City of Flint for compliance, the resident-requested samples are also being collected using the 'pre-flushing', so the lead levels captured in these samples likely do not represent the worst-case lead levels in the water and the actual lead levels at these homes may be much higher.

Pending completion of the final report, my interim recommendations are as follows:

1. The U.S. EPA should follow up with the MDEQ and the City of Flint on the recommendation made by U.S. EPA to MDEQ on June 10, 2015 to offer the City of Flint technical assistance on managing the different water quality issues in Flint, including lead in the drinking water. Although there have been two written assessments regarding water quality and operational issues in Flint at the time of this report, they do not address lead in drinking water. The first is an Operational Evaluation Report (OER) produced in November 2014 by Lockwood, Andrews and Newnam, Inc. to assess the factors contributing to high Total Trihalomethane (TTHM) levels in Flint following the source change. The focus of this report is to identify potential causes and remedial actions for lowering TTHM levels. The second report (Water Quality Report) produced by Veolia for the City of Flint on March 12, 2015, is an assessment of Flint's water quality and operations which provides advice to the City of Flint primarily focused on TTHM control and other operational issues. Both reports were written prior to the recent discovery of high lead results in Flint drinking water. As such, the reports do not take into account the potential effects on lead levels in drinking water.

As previously mentioned, the City of Flint currently has no mitigating treatment for lead and is also planning another source water change in the near future. U.S. EPA's Office of Research and Development in Cincinnati has extensive experience in corrosion and corrosion control treatment and distribution system issues and would be a valuable addition to the drinking water advisory group for the City of Flint. Copies of the qualifications and experience for Michael Schock and Darren Lytle have been forwarded to MDEQ.

2. U.S. EPA should review the compliance status of the City of Flint with respect to whether the system is in violation of the LCR requirement to install and maintain optimal corrosion control and whether the MDEQ is properly implementing the LCR provisions regarding optimal corrosion control treatment requirements for large systems. Pursuant to 40 CFR Section 141.82(i), the EPA Regional Administrator may review treatment determinations made by a State and issue federal treatment determinations consistent with the requirements of the LCR where the Regional Administrator finds: (1) A state has failed to issue a treatment determination by the applicable deadlines; (2) A State has abused its discretion in a substantial number of cases or in cases affecting a substantial population; or (3) The technical aspects of a State's determination would be indefensible in an expected Federal enforcement action taken against a system.

3. The U.S. EPA should review whether relevant resident-requested samples are being included by the City of Flint in calculating the 90th percentile compliance value for lead. Recent drinking water tests conducted at homes in Flint for lead that are not part of the compliance sampling pool have revealed high lead levels in the drinking water. The U.S. EPA memorandum signed on December 23, 2004 provides clarification on compliance determinations and states that customer-requested samples are to be included in the 90th percentile lead compliance calculation where the sampling is conducted during the monitoring period from sites and sampling procedures meeting the LCR criteria. Given the prevalence of lead service lines in the City of Flint, should these sample results be from homes with lead service lines, the sample results would be considered compliance samples under the LCR.

Also attached is a timeline of events for Flint, Michigan. Should you have any questions regarding the information or recommendations provided, please let me know.

cc: Liane Shekter-Smith (MDEQ)
Pat Cook (MDEQ)
Stephen Busch (MDEQ)
Michael Prysby (MDEQ)
Marc Edwards (Virginia Tech)
Michael Schock, EPA-ORD
Darren Lytle, EPA-ORD

From: Egan, Paul <pegan@freepress.com>
Sent: Monday, December 28, 2015 3:54 PM
To: Murray, David (GOV)
Subject: Re: Letter from the Office of the Auditor General

Thanks for sending Dave.

Sent from my iPhone

> On Dec 28, 2015, at 3:48 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
>
> Paul, I didn't know if you are writing about the letter from the Office of the Auditor General regarding the DEQ and Flint water.
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> First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf
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> Our statement:
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> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
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Sent: Monday, December 28, 2015 4:01 PM
To: Bryn Mickle (bmickle1@mlive.com); klonglely1@mlive.com
Subject: Letter from Auditor General on DEQ and Flint water

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From: postmaster@advancelocal.net
To: klonglely1@mlive.com
Sent: Monday, December 28, 2015 4:01 PM
Subject: Undeliverable: Letter from Auditor General on DEQ and Flint water

Delivery has failed to these recipients or groups:
klonglely1@mlive.com
The e-mail address you entered couldn't be found. Please check the recipient's e-mail address and try to resend the message. If the problem continues, please contact your helpdesk.

Diagnostic information for administrators:
Generating server: advancelocal.net
klonglely1@mlive.com
#< #5.1.1 smtp;550 5.1.1 RESOLVER.ADR.RecipNotFound; not found> #SMTP#
Original message headers:
Received: from na01-bn1-obe.outbound.protection.outlook.com (10.50.2.189) by
mail.advancelocal.net (69.2.106.12) with Microsoft SMTP Server (TLS) id
14.3.248.2; Mon, 28 Dec 2015 16:00:48 -0500
Received: from BL2PR01CA0016.prod.exchangelabs.com (10.141.66.16) by
CY1PR01MB1691.prod.exchangelabs.com (10.162.160.29) with Microsoft SMTP
Server (TLS) id 15.1.361.13; Mon, 28 Dec 2015 21:00:53 +0000
Received: from BY2FFO11FD009.protection.gbl (207.46.163.242) by
BL2PR01CA0016.outlook.office365.com (10.141.66.16) with Microsoft SMTP Server
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Authentication-Results: spf=fail (sender IP is 208.86.201.88)
smtp.mailfrom=michigan.gov; mlive.com; dkim=none (message not signed)
header.d=none;mlive.com; dmarc=none action=none header.from=michigan.gov;
Received-SPF: Fail (protection.outlook.com: domain of michigan.gov does not
designate 208.86.201.88 as permitted sender) receiver=protection.outlook.com;
client-ip=208.86.201.88; helo=mx0b-001afd01.pphosted.com;
Received: from mx0b-001afd01.pphosted.com (208.86.201.88) by
BY2FFO11FD009.mail.protection.outlook.com (10.1.14.73) with Microsoft SMTP
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+0000
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[136.181.192.169]) by mx0b-001afd01.pphosted.com with ESMTP id 20324qsr1x-1
(version=TLSv1/SSLv3 cipher=AES256-SHA bits=256 verify=NOT);Mon, 28 Dec 2015
16:00:50 -0500

X-TM-IMSS-Message-ID: <89a93e3d0008b323@Michigan.gov>
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 16:00:49 -0500
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 ([fe80::2df3:ee76:fe51:dea7%19]) with mapi id 14.03.0235.001; Mon, 28 Dec
 2015 16:00:48 -0500
From: "Murray, David (GOV)" <MurrayD1@michigan.gov>
To: "Bryn Mickle (bmickle1@mlive.com)" <bmickle1@mlive.com>,
	"klonglely1@mlive.com" <klonglely1@mlive.com>
Subject: Letter from Auditor General on DEQ and Flint water
Thread-Topic: Letter from Auditor General on DEQ and Flint water
Thread-Index: AdFBsfS/mWuz5yo6RMWNkpniswqJ+A==
Date: Mon, 28 Dec 2015 21:00:47 +0000
Message-ID: <86E1DBBE44D0544E8D1E13719A1B1D7423124F4C@GOV000EXCHPE006.som.ad.state.mi.us>
Accept-Language: en-US
Content-Language: en-US
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X-MS-TNEF-Correlator:
x-originating-ip: [136.181.2.74]
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable
MIME-Version: 1.0
X-TM-AS-MML: disable
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X-Proofpoint-Spam-Details: rule=highspamdetection_notspam policy=highspamdetection score=0 spamscore=0
 suspectscore=0 malwarescore=0 phishscore=0 adultscore=0 bulkscore=0
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 definitions=main-1512280396
Return-Path: MurrayD1@michigan.gov
X-EOPAttributedMessage: 0
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X-Exchange-Antispam-Report-CFA-Test:
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SpamDiagnosticOutput: 1:2
SpamDiagnosticMetadata: 38d4179063984e88ba63afb5f65ebc7f
X-MS-Exchange-CrossTenant-OriginalArrivalTime: 28 Dec 2015 21:00:51.6079
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X-MS-Exchange-CrossTenant-FromEntityHeader: Internet
X-MS-Exchange-Transport-CrossTenantHeadersStamped: CY1PR01MB1691
X-OrganizationHeadersPreserved: CY1PR01MB1691.prod.exchangelabs.com
X-OriginatorOrg: advancelocal.net
X-CrossPremisesHeadersPromoted: 275-al-adi-x-01.advancelocal.net
X-CrossPremisesHeadersFiltered: 275-al-adi-x-01.advancelocal.net

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:07 PM
To: Kristen Longley
Subject: Fwd: Letter from Auditor General on DEQ and Flint water

Sent from my iPhone

Begin forwarded message:

> **From:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Date:** December 28, 2015 at 4:00:47 PM EST
> **To:** "Bryn Mickle (bmickle1@mlive.com)" <bmickle1@mlive.com>, "klonglely1@mlive.com" <klonglely1@mlive.com>
> **Subject: Letter from Auditor General on DEQ and Flint water**
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Bryn and Kristen, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

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- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Lindsey Smith <lmsmi@umich.edu>
Sent: Monday, December 28, 2015 4:11 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

10-4. Can't fit into a 40 second headline but will quote in web version. Best~

On Mon, Dec 28, 2015 at 3:30 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.

b

Brad Wurfel

Communications Director,

Michigan Department of Environmental Quality

wurfelb@michigan.gov

PPI (cell)

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

I did. Gladly, cause, you know, there's a hell of a lot more in that than how these two would like to paint things. Anyway, let me know if you *do* want to have a say - deadline 330p please and thanks.

On Mon, Dec 28, 2015 at 2:11 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

Did you get a copy of the letter?

Sent from my iPhone

On Dec 28, 2015, at 1:46 PM, Lindsey Smith <lmsmi@umich.edu> wrote:

> Hi Brad,
>
> Not sure if they're just late to the party or sitting on this or what (it's dated Dec 23rd) but editors have deemed this worthy of a couple spot news headlines today. Let me know if you'd like to comment.
>
> Best~
>
> ---------- Forwarded message ----------
> From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
> Date: Mon, Dec 28, 2015 at 1:01 PM
> Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control
> To: Angela Wittrock <AWittrock@senate.michigan.gov>
>
> FOR IMMEDIATE RELEASE — Contact: Angela Wittrock
>
> December 28, 2015 — Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."

This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

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Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

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Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: PPI

Please sign up for our e-news at: Senatedems.com/Ananich

Facebook: jimananich | Twitter: @jimananich

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Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:18 PM
To: 'Lindsey Smith'
Subject: RE: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lindsey,

I didn't know if you want a copy of our statement regarding the Office of Auditor General's letter.

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

Our statement:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Lindsey, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully

misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Bryn Mickle <BMICKLE1@mlive.com>
Sent: Monday, December 28, 2015 4:24 PM
To: Murray, David (GOV)
Cc: klonglely1@mlive.com
Subject: Re: Letter from Auditor General on DEQ and Flint water

Thanks. I've forwarded this to Jiquanda Johnson who is working on the story.

Sent from my iPhone

> On Dec 28, 2015, at 4:00 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Bryn and Kristen,
>
> I'm guessing that Ron is off this week since we haven't heard from him about letter from the Office of the Auditor General. this. I'll pass it along to you two
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> First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf
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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:26 PM
To: Bryn Mickle
Subject: Re: Letter from Auditor General on DEQ and Flint water

Thank you. Having the actual response is important.

Sent from my iPhone

> On Dec 28, 2015, at 4:24 PM, Bryn Mickle <BMICKLE1@mlive.com> wrote:
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> Thanks. I've forwarded this to Jiquanda Johnson who is working on the story.
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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 5:12 PM
To: Lynch, James
Subject: Re: Office of Auditor General letter

Appreciated, Jim!

Sent from my iPhone

> On Dec 28, 2015, at 5:10 PM, Lynch, James <JLynch@detroitnews.com> wrote:
>
> David.
> Thanks. Chad passed along your earlier email. Unless they tinkered with it, that comment should be in there.
> Jim
>
> Sent from my iPhone
>
>> On Dec 28, 2015, at 3:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
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>> Jim,
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>> I heard you were seeking a response to the letter from the Office of the Auditor General.
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>> First, I wanted to make sure you had the letter:http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf
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>> Here is our statement, which you can attribute to me:
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>> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
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>> Jim, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
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>> • Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 5:51 PM
To: Murray, David (GOV)
Subject: Statement

I am working on a post about the results of a recent independent state audit in regards to Flint's water crisis. Is this the official statement from the state? And who do we attribute it to?

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 01, 2015 10:52 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: Re: Story update

Thank you! Sorry for the delay before.

Sent from my iPhone

On Oct 1, 2015, at 10:51 PM, Jiquanda Johnson <JJOHNS16@mlive.com<mailto:JJOHNS16@mlive.com>> wrote:

I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 5:55 PM
To: 'Jiquanda Johnson'
Subject: RE: Statement

Hello Jiquanda,

You can attribute that statement to me.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Monday, December 28, 2015 5:51 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
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Thank you! Sorry for the delay before.

Sent from my iPhone

On Oct 1, 2015, at 10:51 PM, Jiquanda Johnson <JJOHNS16@mlive.com<mailto:JJOHNS16@mlive.com>> wrote:

I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 5:57 PM
To: Murray, David (GOV)
Subject: RE: Statement

Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 5:55 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: RE: Statement

Hello Jiquanda,

You can attribute that statement to me.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Monday, December 28, 2015 5:51 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Statement

I am working on a post about the results of a recent independent state audit in regards to Flint's water crisis. Is this the official statement from the state? And who do we attribute it to?

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 01, 2015 10:52 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: Re: Story update

Thank you! Sorry for the delay before.

Sent from my iPhone

On Oct 1, 2015, at 10:51 PM, Jiquanda Johnson <JJOHNS16@mlive.com<mailto:JJOHNS16@mlive.com>> wrote:

I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 5:58 PM
To: melinnky@gmail.com
Subject: Auditor General letter story

Kyle, I noticed that no one from MIRS contacted us or DEQ for a statement today about the Office of Auditor General letter about Flint water.

I saw you folks used an older quote. Did you want a statement from us? Is it too late to add it?

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

Our statement, which can be attributed to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

For your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a

new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:00 PM
To: 'Jiquanda Johnson'
Subject: RE: Statement

Do you have a copy of the actual response from the Auditor General?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Monday, December 28, 2015 5:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Statement

Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 5:55 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: RE: Statement

Hello Jiquanda,

You can attribute that statement to me.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Monday, December 28, 2015 5:51 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Statement

I am working on a post about the results of a recent independent state audit in regards to Flint's water crisis. Is this the official statement from the state? And who do we attribute it to?

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 01, 2015 10:52 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: Re: Story update

Thank you! Sorry for the delay before.

Sent from my iPhone

On Oct 1, 2015, at 10:51 PM, Jiquanda Johnson <JJOHNS16@mlive.com<mailto:JJOHNS16@mlive.com>> wrote:

I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 6:05 PM
To: Murray, David (GOV)
Subject: Re: Statement

Yes, it was sent over earlier today via email.

Sent from my iPhone

> On Dec 28, 2015, at 5:59 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:
>
> Do you have a copy of the actual response from the Auditor General?
>
> Dave Murray
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov 517-335-6397, office PPI mobile
> Twitter:@michigandmurray
>
>
>
>
> -----Original Message-----
> From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
> Sent: Monday, December 28, 2015 5:57 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: RE: Statement
>
> Thank you.
>
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> From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
> Sent: Monday, December 28, 2015 5:55 PM
> To: Jiquanda Johnson <JJOHNS16@mlive.com>
> Subject: RE: Statement
>
> Hello Jiquanda,
>
> You can attribute that statement to me.
>
> Dave Murray
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov 517-335-6397, office PPI mobile
> Twitter:@michigandmurray
>
>
>
>
> -----Original Message-----

> From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
> Sent: Monday, December 28, 2015 5:51 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Statement
>
> I am working on a post about the results of a recent independent state audit in regards to Flint's water crisis. Is this the official statement from the state? And who do we attribute it to?
>
>
> The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.
>
> But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.
>
> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
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> Sent: Thursday, October 01, 2015 10:52 PM
> To: Jiquanda Johnson <JJOHNS16@mlive.com>
> Subject: Re: Story update
>
> Thank you! Sorry for the delay before.
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>
> I updated the story. Here is the link.
> http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leade
> rs_warn_do.html

From: Kyle Melinn [melinnky@gmail.com]
Sent: Monday, December 28, 2015 6:08 PM
To: Murray, David (GOV)
Subject: Re: Auditor General letter story

I'm off today, Dave, but I just sent this to John. He should be able to get it in. Thanks for letting me know

Sent from my iPhone

> On Dec 28, 2015, at 5:58 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Kyle, I noticed that no one from MIRS contacted us or DEQ for a statement today about the Office of Auditor General letter about Flint water.
> I saw you folks used an older quote. Did you want a statement from us? Is it too late to add it?
> First, here's a copy of the letter in case you don't have it:
> http://www.audgen.michigan.gov/finalpdfs/15_16/1761032015.pdf
> Our statement, which can be attributed to me:
> The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.
> But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.
> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
>
>
> For your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
> Conclusions:
>
> n While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.
>
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> n In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no

reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

> Dave Murray
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
> [Emblem]
>
> <winmail.dat>

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:11 PM
To: Kyle Melinn
Subject: Re: Auditor General letter story

Thanks, Kyle! Appreciated.

Sent from my iPhone

> On Dec 28, 2015, at 6:07 PM, Kyle Melinn <melinnky@gmail.com> wrote:
>
> I'm off today, Dave, but I just sent this to John. He should be able
> to get it in. Thanks for letting me know
>
> Sent from my iPhone
>
>> On Dec 28, 2015, at 5:58 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>>
>> Kyle, I noticed that no one from MIRS contacted us or DEQ for a statement today about the Office of Auditor General letter about Flint water.
>> I saw you folks used an older quote. Did you want a statement from us? Is it too late to add it?
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>> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
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>>
>>
>> Dave Murray
>> Press Secretary | Executive Office of Governor Rick Snyder
>> MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>
>> 517-335-6397, office
>>[PPI], mobile
>> Twitter:@michigandmurray
>>
>> [Emblem]
>>
>> <winmail.dat>

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 1:18 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: Review, please: DRAFT internal letter

Jarrod,

Here's a draft of the Executive Office email. I wanted to keep it short, look at the bigger picture, and also say something nice about Dan's many years of service under three governors. Let me know if you desire any changes.

Dave

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly determined to accept it. There are likely to be other personnel changes in MDEQ as well.

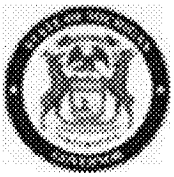
I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 1:24 PM
To: Murray, David (GOV)
Cc: Holland, Meegan (GOV)
Subject: Re: Review, please: DRAFT internal letter

Ok

Sent from my iPhone

On Dec 29, 2015, at 1:17 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Jarrod,
>
> Here's a draft of the Executive Office email. I wanted to keep it short, look at the bigger picture, and also say something nice about Dan's many years of service under three governors. Let me know if you desire any changes.
>
> Dave
>
> Team,
>
> As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.
>
> Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.
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> As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly determined to accept it. There are likely to be other personnel changes in MDEQ as well.
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> I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.
>
> The situation in Flint is serious and challenging. We will continue work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.
>
> Sincerely,
>
> Jarrod Agen

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office

PPI mobile
Twitter:@michigandmurray

<image001.jpg>

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 1:58 PM
To: Murray, David (GOV); Brown, Jessica (GOV)
Subject: statement

Gov. Rick Snyder is releasing this statement on the Flint water situation:

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community members to make sure we hear and respond to their concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:17 PM
To: 'Dupnack, Jessica'
Subject: EMBARGO until 2:40
Attachments: PR.151229.FlintStatement.docx

Hello Jessica,

Here you go. Please respect the 2:40 embargo.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 2:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: statement

It worked! Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 2:17 PM
To: Dupnack, Jessica
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

* -- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

* -- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

* -- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

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# # #

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:19 PM
To: 'Eggert, David'
Subject: EMBARGOED until 2:40
Attachments: PR.151229.FlintStatement.docx

Dave, this is embargoed until 2:40.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office PPI
PPI mobile Twitter:@michigandmurray

-----Original Message-----
From: Eggert, David [mailto:DEggert@ap.org]
Sent: Monday, December 28, 2015 3:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Response to Office of Auditor General's report on Flint water

Thx dave

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 3:03 PM
To: Eggert, David
Subject: Response to Office of Auditor General's report on Flint water

Hi Dave, are you writing about the letter the Office of Auditor General wrote about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal

level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Dave for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

n While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

n In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

n DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

n DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

n DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

n There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

n Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

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RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

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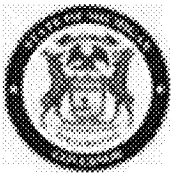
From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:26 PM
To: Egan, Paul (pegan@freepress.com)
Subject: EMBARGOED until 2:40
Attachments: PR.151229.FlintStatement.docx

Please respect the 2:40 emargo.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



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From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:27 PM
To: 'Dupnack, Jessica'
Subject: RE: PLEASE AND THANK YOU
Attachments: PR.151229.FlintStatement.docx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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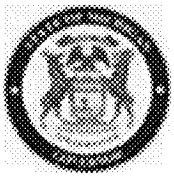

From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Tuesday, December 29, 2015 2:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: PLEASE AND THANK YOU

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From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:30 PM
To: 'dupnackj@gmail.com'
Subject: EMBARGOED INFO
Attachments: PR.151229.FlintStatement.docx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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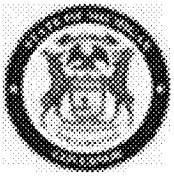

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From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:54 PM
To: 'Giaimo, Melissa'
Subject: RE: Here I am.
Attachments: PR.151229.FlintStatement.docx

Hello Melissa,

Here you go.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Giaimo, Melissa [mailto:Melissa.Giaimo@cnn.com]
Sent: Tuesday, December 29, 2015 2:44 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Here I am.

Thanks for the call!

MELISSA GIAIMO
DC Editorial Producer ***"NEW DAY"***
820 First Street, NE • Washington, DC 20002
PPI cell
+1-202-351-4406 work
melissa.giaimo@turner.com
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Behind the Scenes @ New Day!

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From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Tuesday, December 29, 2015 3:00 PM
To: Murray, David (GOV)
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Dave, I just got this. Can you please confirm if it is from the Gov. Snyder's office???? Thanks

From: Clark Hughes
Sent: Tuesday, December 29, 2015 2:54 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

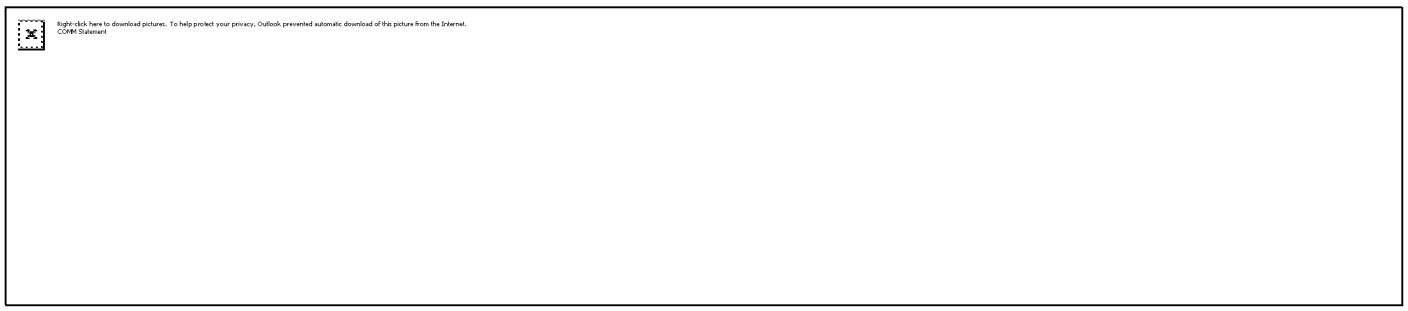
From: Shannon Elizabeth Murphy
Sent: Tuesday, December 29, 2015 2:51 PM
To: Bryn Mickle <BMICKLE1@mlive.com>; Clark Hughes <CHUGHES3@mlive.com>
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

From: Jonathan Oosting <joosting@mlive.com>
Date: Tuesday, December 29, 2015 at 2:49 PM
To: Conde Nast <smurphy5@mlive.com>
Subject: Fwd: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Jonathan Oosting | MLive Media Group | joosting@mlive.com | 313.319.8559

Begin forwarded message:

> **From:** "GOV Newsroom" <govnewsroom@govsubscriptions.michigan.gov>
> **Date:** December 29, 2015 at 2:44:53 PM EST
> **To:** joosting@mlive.com
> **Subject: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force**
> **Reply-To:** govnewsroom@govsubscriptions.michigan.gov



Contacts: Dave Murray, Anna Heaton or Laura Biehl

517-335-6397

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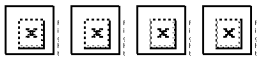

This email was sent to jcosting@mlive.com on behalf of: The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48909 · 517-335-7858

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 3:01 PM
To: 'Jiquanda Johnson'
Subject: RE: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force
Attachments: PR.151229.FlintStatement.docx

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Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

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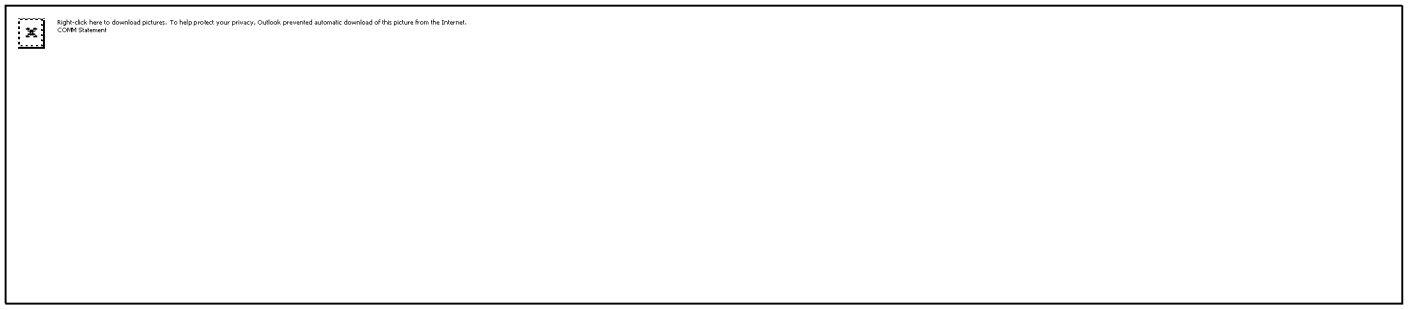
Jonathan Oosting | MLive Media Group | joosting@mlive.com | 313.319.8559

Begin forwarded message:

From: "GOV Newsroom" <govnewsroom@govsubscriptions.michigan.gov>
Date: December 29, 2015 at 2:44:53 PM EST
To: joosting@mlive.com
Subject: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force
Reply-To: govnewsroom@govsubscriptions.michigan.gov



Contacts: Dave Murray, Anna Heaton or Laura Biehl

517-335-6397

FOR IMMEDIATE RELEASE
Tuesday, Dec. 29, 2015

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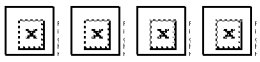

This email was sent to joosting@mlive.com on behalf of: The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48909 · 517-335-7858

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
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# # #

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Tuesday, December 29, 2015 3:03 PM
To: Murray, David (GOV)
Subject: RE: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Is this the first time he has made a public apology saying he is "sorry" about the Flint water crisis? This is the first one that we know of in our office. Just took a an office poll.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 29, 2015 3:01 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: RE: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Here you go.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Tuesday, December 29, 2015 3:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Dave, I just got this. Can you please confirm if it is from the Gov. Snyder's office???? Thanks

---

From: Clark Hughes
Sent: Tuesday, December 29, 2015 2:54 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

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From: Shannon Elizabeth Murphy
Sent: Tuesday, December 29, 2015 2:51 PM
To: Bryn Mickle <BMICKLE1@mlive.com>; Clark Hughes <CHUGHES3@mlive.com>
Subject: FW: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

From: Jonathan Oosting <joosting@mlive.com>
Date: Tuesday, December 29, 2015 at 2:49 PM
To: Conde Nast <smurphy5@mlive.com>
Subject: Fwd: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Jonathan Oosting | MLive Media Group | joosting@mlive.com | 313.319.8559

Begin forwarded message:

From: "GOV Newsroom" <govnewsroom@govsubscriptions.michigan.gov>
Date: December 29, 2015 at 2:44:53 PM EST
To: joosting@mlive.com
Subject: NEWS RELEASE: Gov. Rick Snyder takes action on initial findings from Flint Water Task Force
Reply-To: govnewsroom@govsubscriptions.michigan.gov

Contacts: Dave Murray, Anna Heaton or Laura Biehl

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###

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This email was sent to joosting@mlive.com on behalf of: The Executive Office of the Governor · 111 South Capitol Avenue · Lansing, MI 48909 · 517-335-7858

From: Andrew Moore <amoore@sbgtv.com>
Sent: Tuesday, December 29, 2015 3:10 PM
To: Murray, David (GOV)
Subject: RE: From Drew @ NBC 25 Re: Water Switch

Here's my email?

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: [redacted]
@drewmoorenbc25

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, October 16, 2015 7:50 PM
To: Andrew Moore
Subject: RE: From Drew @ NBC 25 Re: Water Switch

Drew,

I've attached the termination letter from DWSD that makes it clear the city didn't have options.

Emergency managers work closely with their local communities to provide services to residents while addressing extreme financial distress. The plan to build the new pipeline to Lake Huron was strongly urged by Mayor Walling and his City Council, which voted 7-1 in favor of the move.

Dave

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Friday, October 16, 2015 7:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Water Switch

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Hope you have a good weekend and we can deal with it on Monday, just wanted to give you the heads up.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 3:11 PM
To: 'Andrew Moore'
Subject: RE: From Drew @ NBC 25 Re: Water Switch
Attachments: PR.151229.FlintStatement.docx

Here you go, Drew.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

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nbc25news.com wsmh.com thecw46.com

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RICK SNYDER
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From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 3:56 PM
To: Egan, Paul (pegan@freepress.com)
Subject: Question about the story
Attachments: l761032015 (1).pdf

Hi Paul,

I saw this line in your story:

The Free Press reported Thursday that records obtained by the Michigan ACLU and Virginia Tech researcher Marc Ewards show elevated lead levels in Flint's drinking water would have spurred action months sooner if the results of city testing that wrapped up in June had not been revised by the DEQ to wrongly indicate the water was safe to drink.

I was wondering if that aspect was addressed in the OAG letter yesterday. I don't think anyone at the Freep wrote about that letter. That issue is discussed in depth on page 6, and the OAG said it was "appropriate" for the DEQ to drop the two water sampling sites.

I've attached the letter to this email so you have the opportunity to give it a quick read. Let me know if we are talking about two different things.

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

DEQ informed us that in the 1990s, the City of Flint upgraded the Flint WTP to serve as a backup source of water for emergencies. In 2006, the Flint WTP began quarterly testing of the treated Flint River water at the Flint WTP to ensure water quality standards were met; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

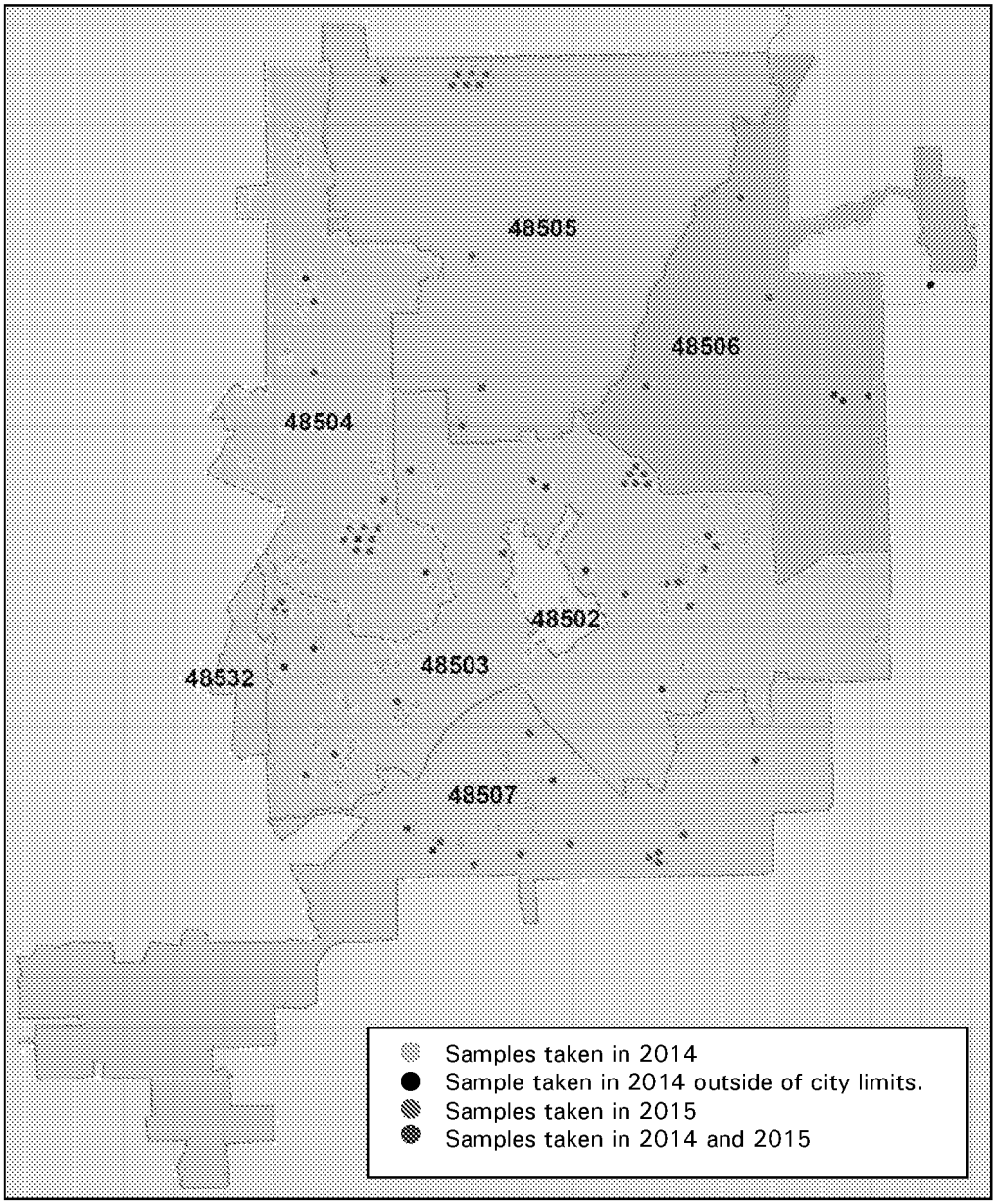
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

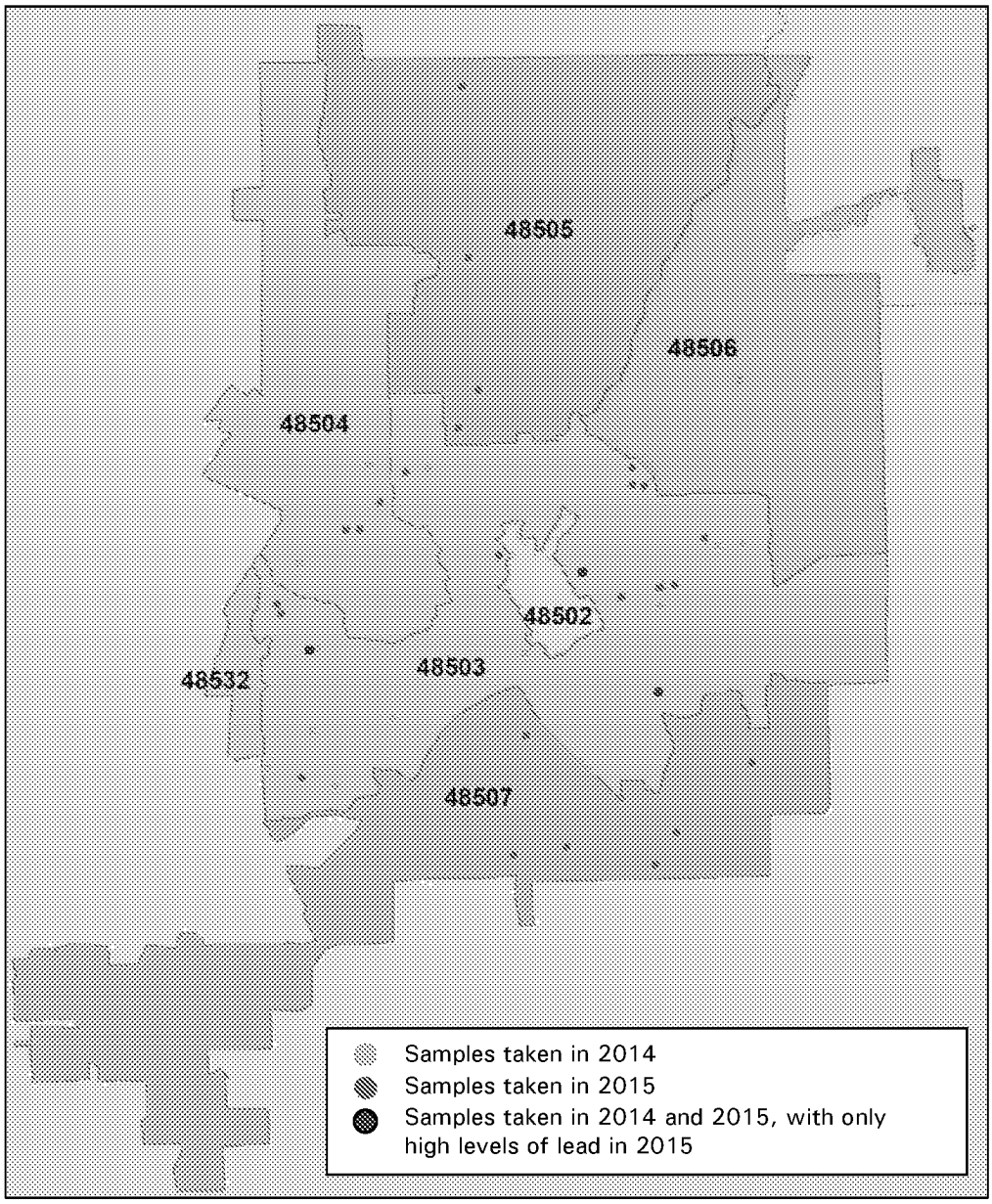
As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

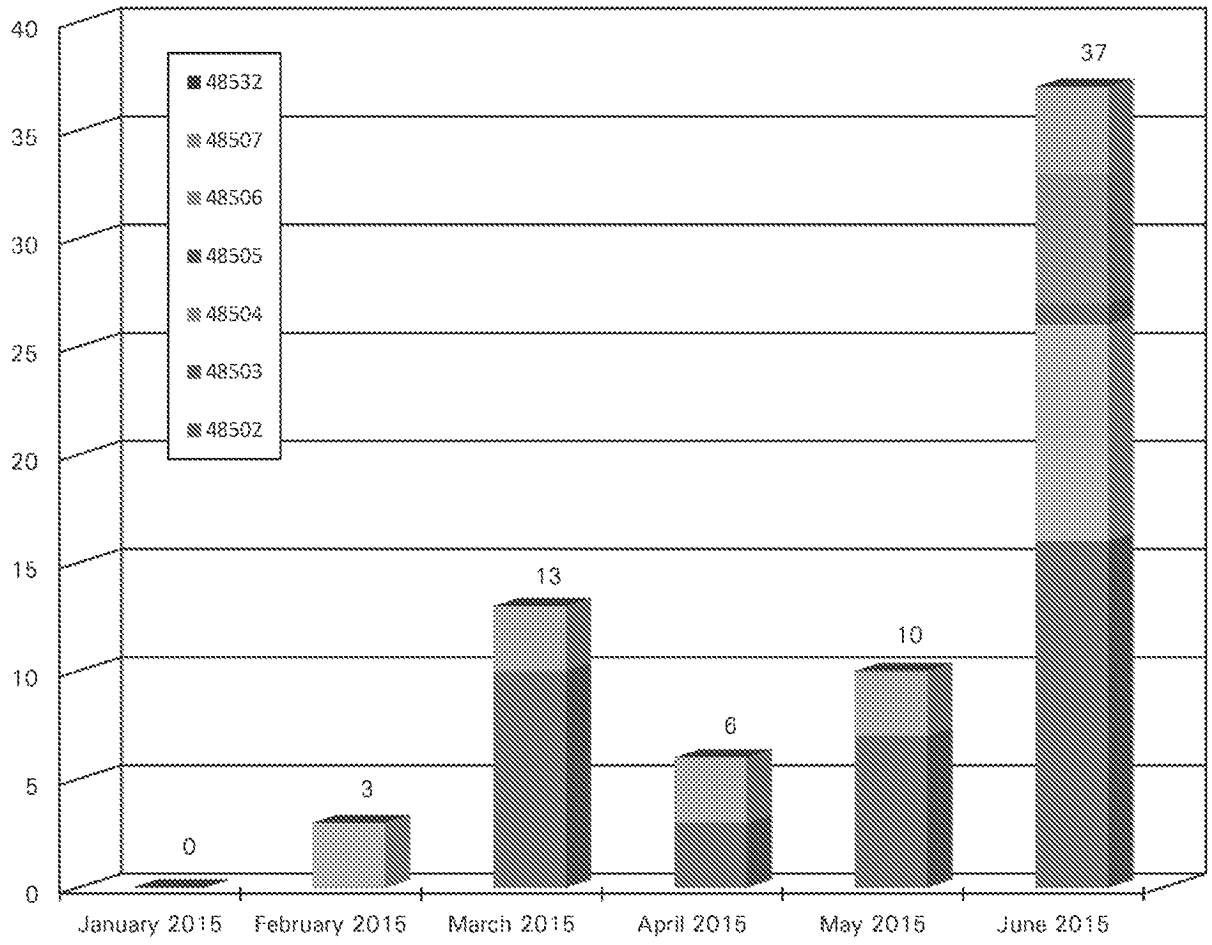
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

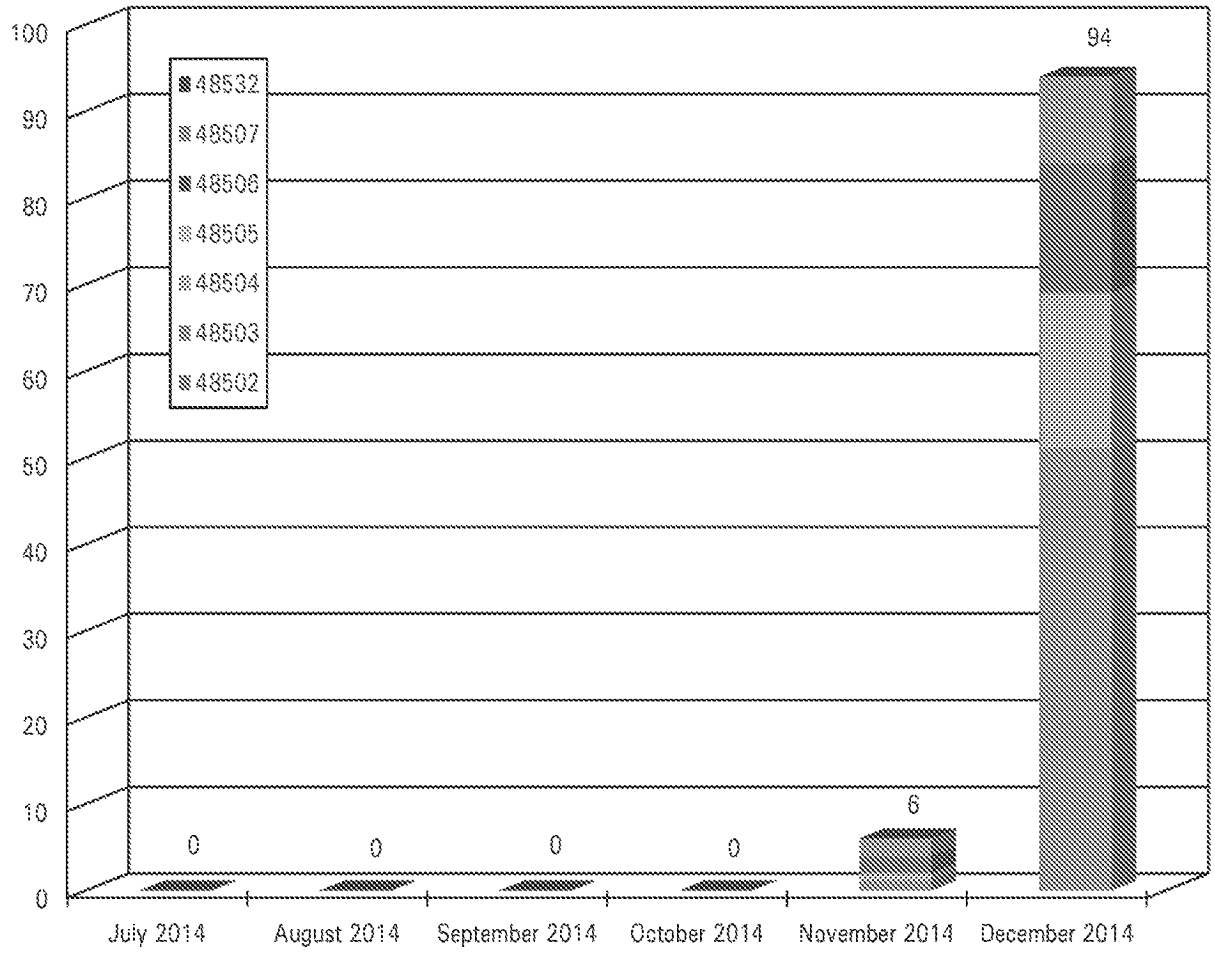
This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, December 29, 2015 4:00 PM
To: Murray, David (GOV)
Subject: RE: Question about the story

Thanks Dave I can tweak that graf or add line from auditor general's report, but there was a lot more to it than dropping two samples. DEQ official sent Flint an emails saying so far Flint is over the AL and I hope you can send me samples below AL. Also DEQ didn't scrutinize or drop other samples that didn't meet the criteria. So I will take another look at that graf but overall I don't think what it says is inaccurate.
Paul

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 29, 2015 3:56 PM
To: Egan, Paul <pegan@freepress.com>
Subject: Question about the story

Hi Paul,

I saw this line in your story:

The Free Press reported Thursday that records obtained by the Michigan ACLU and Virginia Tech researcher Marc Ewards show elevated lead levels in Flint's drinking water would have spurred action months sooner if the results of city testing that wrapped up in June had not been revised by the DEQ to wrongly indicate the water was safe to drink.

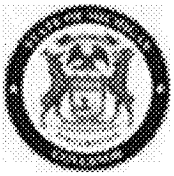
I was wondering if that aspect was addressed in the OAG letter yesterday. I don't think anyone at the Freep wrote about that letter. That issue is discussed in depth on page 6, and the OAG said it was "appropriate" for the DEQ to drop the two water sampling sites.

I've attached the letter to this email so you have the opportunity to give it a quick read. Let me know if we are talking about two different things.

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:03 PM
To: Holland, Meegan (GOV)
Subject: FW: Question about the story

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
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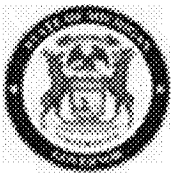

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 4:07 PM
To: Murray, David (GOV)
Subject: RE: Question about the story

The quote can be interpreted a few ways, and unfortunately the interpretation cited by Paul isn't favorable. I interpreted it to mean "I hope it's below AL" but I can see how others would interpret otherwise.

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:03 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: Question about the story

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, December 29, 2015 4:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Question about the story

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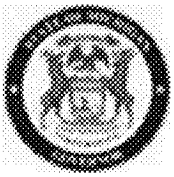


From: Chris DeWitt <chris@dewitt-communications.com>
Sent: Tuesday, December 29, 2015 4:36 PM
To: Murray, David (GOV); hollandm2@michigan.org; Hollins, Harvey (GOV)
Subject: Fw: FWATF letter to Governor Snyder
Attachments: FWATF-Snyder Letter 12-29-15.pdf

FYI

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
PPI cell

From: Chris DeWitt
Sent: Tuesday, December 29, 2015 4:13 PM
Subject: FWATF letter to Governor Snyder

December 29, 2015

Contact: Chris De Witt

PPI

FWATF Finds MDEQ Primarily Responsible For Flint Water Crisis

Lansing, MI—The Flint Water Advisory Task Force today released a letter sent to Governor Rick Snyder advising him of the Task Force's finding that the Michigan Department of Environmental Quality is primarily responsible for failing to ensure safe drinking water in Flint and must be held accountable. A copy of the letter is attached.

The FWATF letter stated in part:

"We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure."

"…we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion."

"The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community."

The letter outlined three areas where MDEQ failed:

- Regulatory Failure
- Failure in Substance and Tone of MDEQ Response to the Public
- Failure in MDEQ Interpretation of the Lead and Copper Rule

"Flint residents were exposed to toxic levels of lead in their water primarily due to a regulatory culture of passive technical compliance that is simply insufficient to the task of public protection," FWATF Co-Chair Ken Sikkema said. "We also believe that the dismissive and disrespectful tone of much of the MDEQ's response to public concerns is unacceptable."

"The failure to protect the public will have lifelong consequences." FWATF Co-Chair Chris Kolb said. "It will be important going forward for long term support to be provided to Flint residents unnecessarily hurt by using City water."

"We believe that as the Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements," Kolb and Sikkema added. "Our final report will make recommendations that will help make this aspiration a reality."

This is the second letter sent by the Task Force. The first, sent earlier this month, made several recommendations concerning coordination of state efforts that were supported and implemented by Governor Snyder.

The full FWATF report is expected to be completed in early 2016.

Members of the Task Force include:

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

The FWATF was formed by Governor Snyder to review actions regarding the Flint water system and offer recommendations both for Flint and Michigan to protect the health and safety of state residents.

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
PPI cell

December 29, 2015

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

<u>Regulatory Failure</u>

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan.

This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a

legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Matt Davis
Chris Kolb
Larry Reynolds
Eric Rothstein
Ken Sikkema

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 5:34 PM
To: 'Ryan Rifai'
Subject: RE: Al Jazeera request for comments on water crisis
Attachments: PR.151229.FlintStatement.docx

Ryan, I wanted to make sure you had our statement from this afternoon.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Ryan Rifai [mailto:rayanr7@gmail.com]
Sent: Tuesday, December 29, 2015 11:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Al Jazeera request for comments on water crisis

Dear Dave Murrary,

I am a journalist for Al Jazeera, the media organisation based in Qatar.

I am writing a story about Flint's water crisis. It will be featured on www.aljazeera.com

Here are some questions I have that I hope you could help answer, please help with whatever you can:

What is the state of Michigan doing to help solve Flint and Detroit's water crises?

Why were water rates increased in 2014 in Detroit to the extent that many residents in the city and in Flint could not afford it?

If that was not the main problem, what was and who would you pin the most blame on for the crises?

How would you answer to accusations that the Michigan state's administration ignored warnings of unsafe drinking and cooking water in Flint?

Thank you for your help!

Sincerely,

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

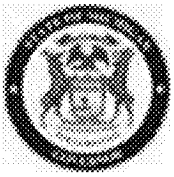
From: Murray, David (GOV)
Sent: Wednesday, December 30, 2015 10:08 AM
To: 'Netto, Joseph'
Subject: RE: Flint water
Attachments: PR.151229.FlintStatement.docx

Jim,

We just saw your voice mail this morning. Did you get our release yesterday? I've attached it here.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Netto, Joseph [mailto:Joseph.Netto@turner.com]
Sent: Wednesday, December 16, 2015 10:15 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water

So what are the repercussions of Mayor Weaver's call for a state of emergency? Is she even able to declare a state of emergency?

Did she have any footing to declare a state of emergency?

Joseph Netto
CNN News Editor
One CNN Center
Atlanta, GA 30303
(404) 827 1511

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, December 16, 2015 10:13 AM
To: Netto, Joseph
Subject: Flint water

Joe, nice speaking with you this morning. Let me know if you need more.

Dave

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the city to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets. Gov. Snyder in October created action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.
For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
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Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

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"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

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“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Granger, Patricia (DHHS)
Sent: Wednesday, December 30, 2015 4:01 PM
To: Murray, David (GOV); Kennedy, Jordan (GOV)
Cc: Krause, Kurt (DHHS)
Attachments: IA Coord Com Org Chart.pptx

Trisha (Ray) Granger
Sr. Executive Assistant to
Tim Becker, Chief Deputy Director
Department of Health and Human Services
(517) 373-3626
RayP2@michigan.gov

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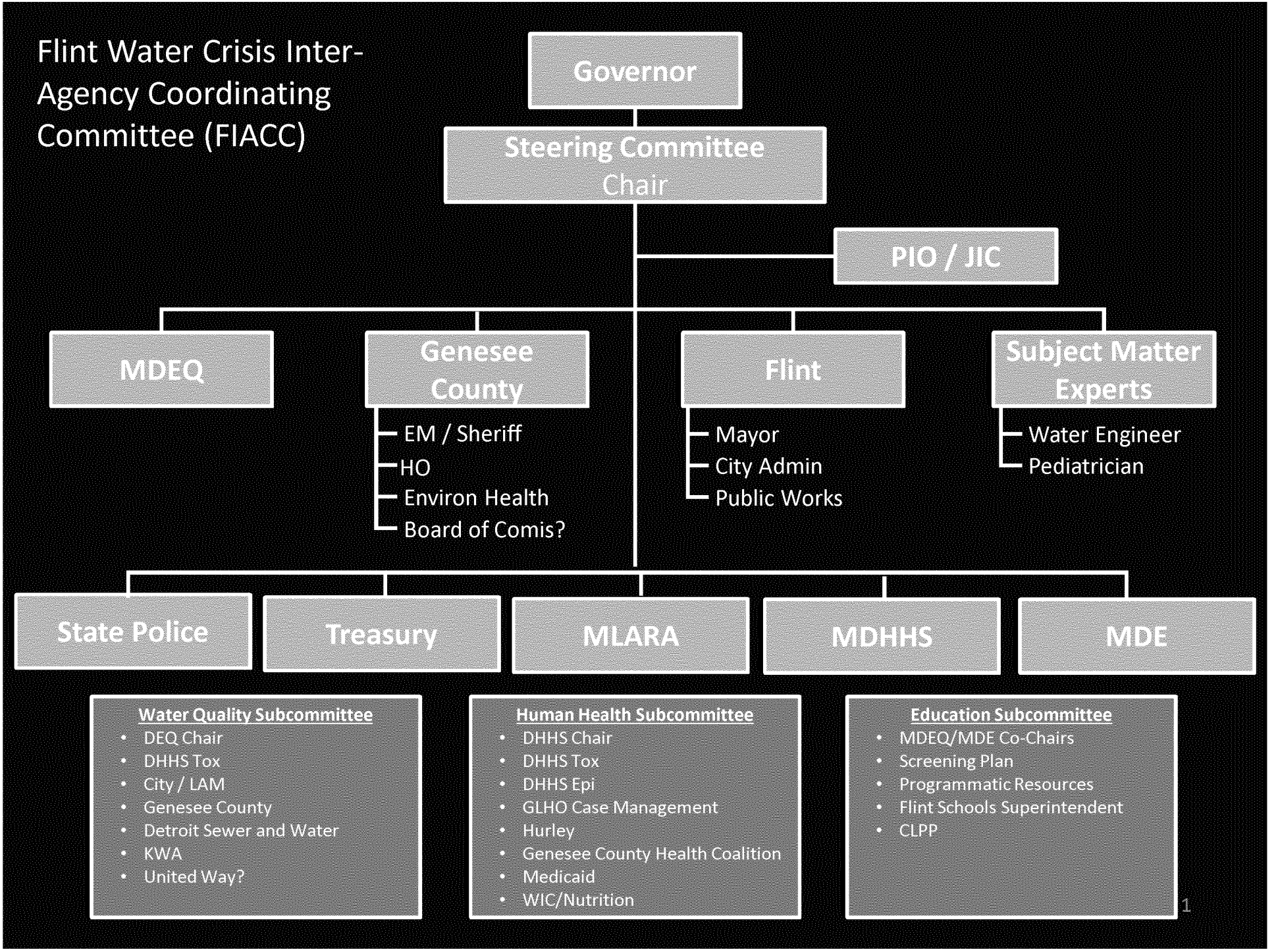
Flint Water Crisis Inter-Agency Coordinating Committee (FIACC)



From: Kennedy, Jordan (GOV)
Sent: Wednesday, December 30, 2015 4:37 PM
To: Granger, Patricia (DHHS); Murray, David (GOV)
Cc: Krause, Kurt (DHHS)
Attachments: IA Coord Com Org Chart.pptx

From: Granger, Patricia (DHHS)
Sent: Wednesday, December 30, 2015 4:01 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Krause, Kurt (DHHS) <KrauseK2@michigan.gov>
Subject:

Trisha (Ray) Granger
Sr. Executive Assistant to
Tim Becker, Chief Deputy Director
Department of Health and Human Services
(517) 373-3626
RayP2@michigan.gov

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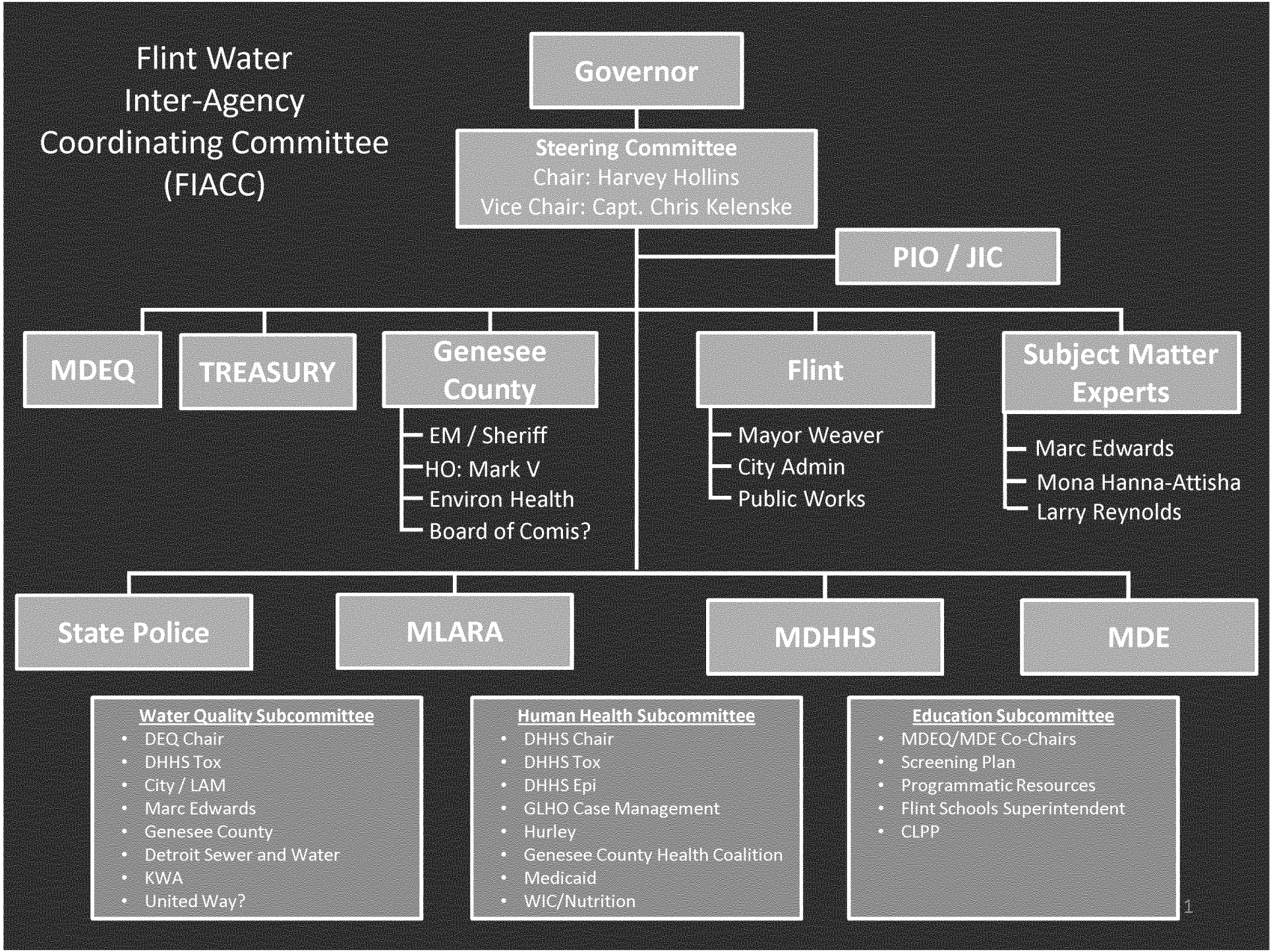
Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
Steering Committee
Chair: Harvey Hollins
Vice Chair: Capt. Chris Kelenske
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna-Attisha
Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:35 AM
To: Baird, Richard (GOV)
Subject: Powerpoint version
Attachments: IA Coord Com Org Chart.pptx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Kennedy, Jordan (GOV)
Sent: Wednesday, December 30, 2015 4:37 PM
To: Granger, Patricia (DHHS) <GrangerP@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Krause, Kurt (DHHS) <KrauseK2@michigan.gov>
Subject:

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To: Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
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Subject:

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Sr. Executive Assistant to
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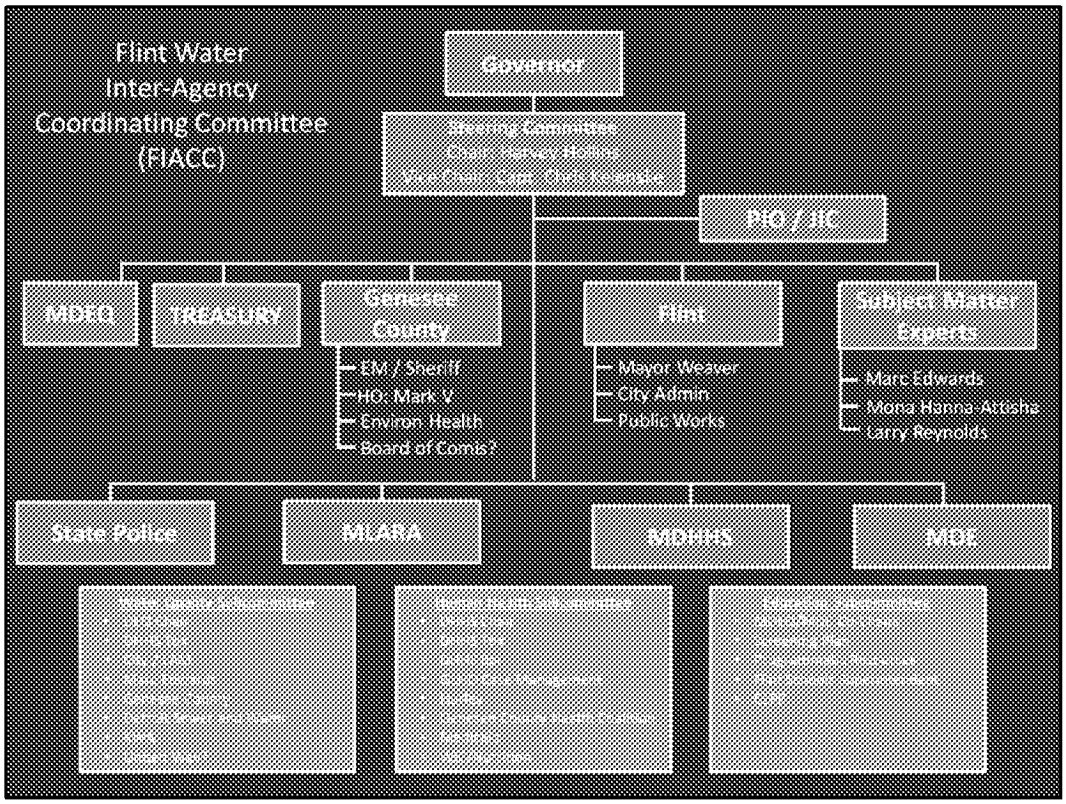
Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
DIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO Mark V
Environ Health
Board of Comm?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna Attisha
Larry Reynolds
State Police
MIOSHA
MDHHS
MDE

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:55 AM
To: Tommasulo, Karen (DEQ)
Subject: RE: Flint compliance sampling - media request

Thanks, Karen. Is that attached letter what she is looking for?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Tommasulo, Karen (DEQ)
Sent: Thursday, December 31, 2015 10:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint compliance sampling - media request

Just talked to Lindsey on the phone as well, and told her she'd have to call you on this one. Let me know if I can be of assistance.

Sent from my iPhone

Begin forwarded message:

> **From:** Lindsey Smith <lmsmi@umich.edu>
> **Date:** December 31, 2015 at 10:46:45 AM EST
> **To:** "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>
> **Subject: Flint compliance sampling - media request**
>
> Good morning Karen and happy New Year.
>
> I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.
>
> All the best,
> --
> Lindsey Smith
> West Michigan Reporter
> Michigan Radio

Office (616) 551-0717
michiganradio.org

From: Lindsey Smith <lmsmi@umich.edu>
Sent: Thursday, December 31, 2015 10:56 AM
To: Murray, David (GOV)
Subject: Fwd: Flint compliance sampling - media request
Attachments: Flint lead serv. ltr.pdf

Hi Dave and happy New Year.

Just talked to Karen at DEQ, who said all requests about Flint are headed your way for the time being. I would've asked yesterday but was out sick. If you get a chance, would love to see this info from Flint if/when it is available.

Best~

---------- Forwarded message ----------
From: **Lindsey Smith** <lmsmi@umich.edu>
Date: Thu, Dec 31, 2015 at 10:46 AM
Subject: Flint compliance sampling - media request
To: "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>

Good morning Karen and happy New Year.

I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.

All the best,
--
Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

--
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West Michigan Reporter
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STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

November 9, 2015

Mr. Michael Glasgow
Utilities Administrator
City of Flint
4500 North Dort Highway
Flint, Michigan 48505

WSSN: #2310

Dear Mr. Glasgow:

SUBJECT: Water Supply – City of Flint (City) – Compliance Communication
Lead and Copper Rule Compliance Sampling Sites

The City community water system is subject to the requirements of the Michigan Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399). According to Department of Environmental Quality (DEQ) records, City reports submitted to the DEQ regarding Lead and Copper Rule (LCR) compliance monitoring information have been certified by the City that all LCR compliance monitoring since 1992 has been conducted at sampling sites meeting the Tier 1 criteria listed under subrule 1c of administrative rule 710a (R325.10710a).

The City's recent efforts to electronically convert customer service line information and statements by some of the City's certified operators conflict with the information provided in the City's LCR compliance monitoring certification reports.

Therefore, the DEQ is hereby requesting the City provide additional information and documentation regarding all 324 historic LCR compliance sampling sites.

As of November 3, 2015, the City's electronic database of customer service connections listed 10,895 records of converted customer service connection index cards. The City has recently indicated it has a total of 29,072 customer service connections, leaving approximately 18,177 records left to be converted. These digital records include a listing of the service line material.

The DEQ has obtained a copy of these 10,895 digital records and cross referenced them with the addresses for the City's 324 historic LCR compliance monitoring sites. However, only 46 of the 324 sites were able to be matched at the current time. Of these 46 sites, only 6 sites contained information confirming the Tier 1 site criteria based on having lead service line materials. 14 sites were listed as having no available information (n/a), and require additional documentation to justify being designated as a Tier 1 sample site having a lead service line. The remaining 26 cross referenced sites were listed as having copper service line materials which directly conflicts with the City's LCR reports certifying these sites as Tier 1 based on the criteria of having a lead service line. The City needs to provide additional information to the DEQ demonstrating these sites meet the Tier 1 site criteria or we will assume they do not.

The City's remaining 278 historic LCR compliance sampling sites must also be reviewed and will require additional documentation to justify being designated as Tier 1 sample sites.

Our office has provided the enclosed table that lists all 324 of the City's historic LCR compliance monitoring sites, when each site was utilized, the City's certification information for each site, and information cross referenced from the City's customer service line database. The City can use the far right column in this table, labeled *Justification of Lead Service Line and Tier 1 Criteria*, to summarize the City's justification for certifying these sites as Tier 1 and having a lead service line. Any supporting documentation regarding the justification for each site needs to be provided as separate attachments.

As a reminder, in accordance with subrule 1 of administrative rule 710a (R325.10710a), by January 1, 1992, the City was to have completed a materials evaluation of its distribution system to identify a pool of targeted sampling sites from which all first draw samples are collected. This evaluation was required to include information from:

- Special Monitoring for Corrosivity Characteristics
- All plumbing codes, permits, and records in the files of the building department or departments that indicate the plumbing materials installed within publically and privately owned structures connected to the water distribution system.
- All inspections and records of the distribution system indicating material composition of customer service connections.
- Water quality information that indicates locations which may be particularly susceptible to high lead or copper concentrations.

The completed table and all supporting documentation must be provided to our office as soon as possible, but by no later than December 30, 2015, prior to the next LCR compliance monitoring period.

Please contact me at 517-290-8817 or prysbym@michigan.gov at your earliest convenience to discuss this matter in more detail.

Sincerely,

Michael F. Prysby, P.E.
District Engineer
Lansing District Office
Office of Drinking Water and
Municipal Assistance

cc: Mr. Robert Bisnick, City of Flint
Mr. Brent Wright, City of Flint
Mr. Howard Kroft, City of Flint
Ms. Natasha Henderson, City of Flint
Mr. Jim Sygo, Chief Deputy Director, DEQ
Mr. Stephen Busch, DEQ
Mr. Adam Rosenthal, DEQ

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:57 AM
To: 'Maryellen Tighe'
Subject: RE: press request - flint

I'm happy to help.

First, here is a link to the governor's release from Tuesday announcing the resignation of the director of the Department of Environmental Quality. http://www.michigan.gov/snyder/0,4668,7-277--372335--,00.html

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration continue to work closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to increase testing, improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
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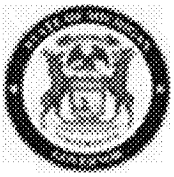
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Tell my friend Gunjan I said "Hi, and happy new year!"

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Maryellen Tighe [mailto:Maryellen.Tighe@debtwire.com]
Sent: Thursday, December 31, 2015 9:44 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: press request - flint

Hello Dave,
I got your name from Sara's out of office reply, congrats on the new position!
I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publically on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.
Thanks and I hope you've had a peaceful holiday season!
Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
Fax: 212 686-2664
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

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Registered in England and Wales with company number 3878547

From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Thursday, December 31, 2015 11:17 AM
To: Murray, David (GOV)
Subject: RE: press request - flint

David,
This is very helpful! Thank you very much. And I'll make sure to tell Gunjan hi for you when she gets back in the office on Monday.
I have one followup question – the state is being sued in the attached class action lawsuit (http://flintwaterstudy.org/2015/11/class-action-lawsuit/) . I was wondering if you have a sense of where the litigation is or what the state's feelings are on it (if you're looking to fight or settle sort of thing).
Thank you again for this abundance of information on New Year's Eve!
Maryellen

Maryellen Tighe
Phone: 212 500-7549
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, December 31, 2015 10:57 AM
To: Maryellen Tighe
Subject: RE: press request - flint

I'm happy to help.

First, here is a link to the governor's release from Tuesday announcing the resignation of the director of the Department of Environmental Quality. http://www.michigan.gov/snyder/0,4668,7-277--372335--,00.html

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration continue to work closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here:
http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to increase testing, improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Tell my friend Gunjan I said "Hi, and happy new year!"

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Maryellen Tighe [mailto:Maryellen.Tighe@debtwire.com]
Sent: Thursday, December 31, 2015 9:44 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: press request - flint

Hello Dave,
I got your name from Sara's out of office reply, congrats on the new position!
I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publically on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.
Thanks and I hope you've had a peaceful holiday season!
Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
Fax: 212 686-2664
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

Debtwire publishes real-time news and data for financial professionals in fixed income markets across the world. Debtwire is part of the Mergermarket Group.

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Registered in England and Wales with company number 3879547

From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Thursday, December 31, 2015 11:33 AM
To: Murray, David (GOV)
Subject: RE: press request - flint

David,
I'm sorry I missed this email, but your second email went a long way toward clarifying things!!
Maryellen

Maryellen Tighe
Phone: 212 500-7549
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, December 31, 2015 10:34 AM
To: Maryellen Tighe
Subject: RE: press request - flint

Hello Maryellen,

Thank you for the kind words.

Much of what you wrote below is inaccurate. The state has so far provided more than $10 million to address some of the health and infrastructure concerns. When is your deadline? I can send you some information?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
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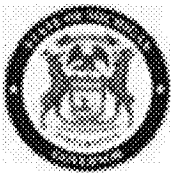

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Sent: Thursday, December 31, 2015 9:44 AM
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From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 12:04 PM
To: Maryellen Tighe
Subject: Re: press request - flint

Sounds good! Let me know if you need more!

Sent from my iPhone

On Dec 31, 2015, at 11:34 AM, Maryellen Tighe <Maryellen.Tighe@debtwire.com> wrote:

> David,
> I'm sorry I missed this email, but your second email went a long way toward clarifying things!!
> Maryellen
>
> Maryellen Tighe
> Phone: 212 500-7549
> Twitter: @MaryellenTighe
> maryellen.tighe@debtwire.com
>
> ---
>
> **From:** Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
> **Sent:** Thursday, December 31, 2015 10:34 AM
> **To:** Maryellen Tighe
> **Subject:** RE: press request - flint
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>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> [redacted]mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> ---
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From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:24 PM
To: Holland, Meegan (GOV)
Subject: Beefed up statement

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:38 PM
To: 'Andrew Moore'
Subject: RE: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Drew,

Here's our statement about the Genesee County Commission vote:

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching a fact sheet from MSP about the process in such situations.

The Governor and Mayor Weaver are planning to meet this week, and I am still gathering details about that.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Monday, January 04, 2016 11:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Importance: High

Top O' The Morning To Ya! We heard about the face to face meeting the mayor and governor are having on Thursday morning. I can only imagine that they will be packing me up in a car and heading to Lansing to cover it. Can you make the Governor available for a short time after the meeting (I think it's happening at 9 or 10) to comment on the meeting? I'm sure he may not be able to talk about specifics of exactly what was talked about (or maybe he can), but I'd like to see if I can include the Governor in the story. OR is the new Flint Water Czar (our title not yours) going to be there? Wwe'd like to talk with him as well.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:54 PM
To: 'Stephen Carmody'
Subject: RE: A news media question
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Steve,

We're working closely with Mayor Weaver, and another meeting with the Mayor and Governor is expected to be scheduled this week. Not sure about the details at this point. Here is our statement about the County Commission vote:

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process.

Rep. Phelps' bill hasn't been introduced yet, and we'll be able to give it a close review as it works through the legislative process. Certainly we share a common goal of protecting the health of people in Flint and across our state.

I urge you to consider the recent Auditor General letter that I believe addresses a scenario that the representative might be referring to.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Monday, January 04, 2016 9:38 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: A news media question

David,

I understand Flint Mayor Weaver will be meeting with the governor this week.

What day will that be?

Steve Carmody
Michigan Radio

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:55 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Flint's emergeny declaration
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Laura,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

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But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process that I'm sure you will find helpful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint's emergeny declaration

Hi, Dave, and Happy New Year.

I see that Flint's declaration of emergency is on its way to Governor Snyder. Has he decided yet whether he will sign, amend or reject it?

Thank you for the help.

Laura Conaway
The Rachel Maddow Show

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 2:07 PM
To: jessica.dupnack@abc12.com
Subject: Flint
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Jessica,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

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Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 2:22 PM
To: Andrew Moore
Subject: Re: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder

That's to be determined.

Sent from my iPhone

On Jan 4, 2016, at 2:21 PM, Andrew Moore <amoore@sbgtv.com> wrote:

> Thanks for the statement. So can we expect to get a quick interview after the two meet on Thursday, or is that what you are checking on now?
>
> Drew Moore
> Reporter
> NBC 25 / Fox 66
> W: (810) 687-9600
> C: PPI
> @drewmoorenbc25
>
> <image001.jpg>
>
> **From:** Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
> **Sent:** Monday, January 04, 2016 1:38 PM
> **To:** Andrew Moore
> **Subject:** RE: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
>
> Hello Drew,
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> Here's our statement about the Genesee County Commission vote:
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The Governor and Mayor Weaver are planning to meet this week, and I am still gathering details about that.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<image002.jpg>

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Monday, January 04, 2016 11:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Importance: High

Top O' The Morning To Ya! We heard about the face to face meeting the mayor and governor are having on Thursday morning. I can only imagine that they will be packing me up in a car and heading to Lansing to cover it. Can you make the Governor available for a short time after the meeting (I think it's happening at 9 or 10) to comment on the meeting? I'm sure he may not be able to talk about specifics of exactly what was talked about (or maybe he can), but I'd like to see if I can include the Governor in the story. OR is the new Flint Water Czar (our title not yours) going to be there? Wwe'd like to talk with him as well.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: PPI
@drewmoorenbc25

<image001.jpg>

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:12 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hi Jim,

Sorry for the delay. We're scrambling today. Here's our statement. I'm also attaching a fact sheet from MSP that outlines the process. Let me know if you need more information.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

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Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,
Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:15 PM
To: 'Jacob Kanclerz'
Subject: RE: Question on MPSC appointment & Flint stuff
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Jacob,

I'm not aware that an announcement is imminent for the replacement on the Public Service Commission.

Here is our statement regarding Flint. I'm attaching a fact sheet.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

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517-335-6397, office
PPI mobile
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From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Monday, January 04, 2016 2:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Question on MPSC appointment & Flint stuff

Good afternoon (and Happy New Year!),

I just wanted to check with you guys on what the timeline is for replacing for Mr. Quackenbush on the MPSC. Are we going to hear an announcement soon or is it going to be closer to when he leaves March 31?

Also, in case we need to do something on this today -- what's this about the Governor considering declaring a state of emergency in Flint? What needs to happen or what information needs to be obtained to make that a done deal? Let me know, thank you.

--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
Cell: PPI
Twitter: @jacobkanclerz

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:23 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....

We appreciate your fairness and accuracy. Very much.

Is there a best way to contact you? There are times when we want to give some people a head start and I feel bad that we haven't been able to connect all the time.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

Dave,
I know you're busy, so I appreciate the help.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:12 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

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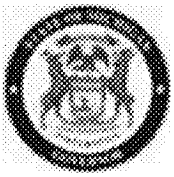
PPI mobile
Twitter:@michigandmurray



From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,
Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

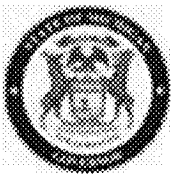
Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:26 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....

"I'm rarely doing anything important."

I know better! ☺

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

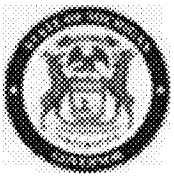
My cell phone is PPI Easiest way is to send me a text and tell me to call you. I'm rarely doing anything imoportant.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:23 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

We appreciate your fairness and accuracy. Very much.

Is there a best way to contact you? There are times when we want to give some people a head start and I feel bad that we haven't been able to connect all the time.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

Dave,
I know you're busy, so I appreciate the help.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:12 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

Hi Jim,

Sorry for the delay. We're scrambling today. Here's our statement. I'm also attaching a fact sheet from MSP that outlines the process. Let me know if you need more information.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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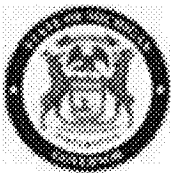
Twitter:@michigandmurray



From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,

Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:32 PM
To: andrew.keller@wnem.com
Subject: Flint statement
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hi Andrew,

Here's our statement. I'm also attaching a fact sheet from MSP that has details about the procedures.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:43 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Flint's emergeny declaration

Genesee County has three days to provide the state with damage assessment information that is needed for the request to the federal government. Members of the Michigan State Police Emergency Management Division have been working with the county on this and have provided guidance.

Again, prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control. We are committed to working with the mayor and county leaders in their efforts to protect the health of Flint residents. The mayor and governor are meeting later this week to discuss additional ways the state can provide assistance.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 2:04 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

I've read the sheet you sent. As I understand it, Governor Snyder is going to have a decision to make as to whether to sign, amend or reject the declaration. Do you disagree with that characterization?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 2:02 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint's emergeny declaration

Laura, I ask that you look at the fact sheet that spells out the process.

We are offering Mayor Weaver our full support and are working with her to take steps that could lead to multiple pathways for resources for Flint residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

So the governor recognizes this as an emergency but isn't saying whether he'll sign, amend or reject the declaration of emergency?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 1:55 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Flint's emergeny declaration

Hello Laura,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process that I'm sure you will find helpful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint's emergeny declaration

Hi, Dave, and Happy New Year.

I see that Flint's declaration of emergency is on its way to Governor Snyder. Has he decided yet whether he will sign, amend or reject it?

Thank you for the help.

Laura Conaway
The Rachel Maddow Show

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:33 AM
To: 'Gary Ridley'
Subject: RE: Comment sought on Flint Water ASAP

Hello Gary,

The administration has not been contacted by the U.S. Attorney's Office on this matter at this time. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to Flint's water challenges, and we are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, January 05, 2016 9:22 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Comment sought on Flint Water ASAP

Dave,
I just got a confirmation from the U.S. Attorney's Office that it is investigating the Flint water situation. It isn't releasing specifics, but I wanted to give you a chance to respond to this news.

I am typing up something right now and will be posting ASAP.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 12:19 PM
To: 'Ronald Fonger'
Subject: RE: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

Hello Ron,

The Governor is proud of the efforts his office has made to increase transparency and accountability, including dashboards featuring metrics for each department and creation of a citizen's guide to how state and local governments spend money. We're always focusing on continuous quality improvement in this area.

The Governor also has promised complete cooperation with the independent Flint Water Task Force that is reviewing all state, local and federal actions related to the situation as the administration focuses on the health and welfare of people in Flint and across the state.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, January 05, 2016 11:34 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

Dave:
Would your office care to comment on the remarks from the executive director of Common Cause Michigan?
I'm forwarding an email we just received and am working on a story.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Alan Fosnacht [mailto:alan@faroughassociates.com]
Sent: Tuesday, January 05, 2016 11:08 AM
Subject: ICYMI - Flint: A Dramatic Illustration of Why Michigan Must Apply the FOIA to the Governor's Office

In case you missed it:

Michigan continues to have the weakest anti-corruption laws of any state in the nation.

As the Rachel Maddow Show reported on last night, the Flint water crisis is a terrible reminder that our state continues to exempt the Governor's office and state legislators from transparency laws (FOIA) designed to hold politicians and our government accountable. This exemption from FOIA only making things worse... much worse.

"Common Cause Michigan calls on the Governor to drop his executive privilege and submit all documents and correspondence in the executive office on all matters dealing with the Flint water crisis to Freedom of Information Act requests. The public deserves to know why Flint's children were poisoned with lead. In addition, Michigan should end special exemption from FOIA and subject the Governor's Office and the Legislature to the same transparency laws that 48 other states follow," said Melanie McElroy, Executive Director of Common Cause Michigan.

To watch the Rachael Maddow segment from last night please follow this link.

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 1:10 PM
To: Stoken, Laura (GOV)
Subject: Note about Flint water story

"We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders."

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 2:10 PM
To: 'david.bailey@thomsonreuters.com'
Subject: RE: Flint water contamination investigated by US EPA, prosecutors

Hi Dave,

This threw me for a loop for a couple moments. There is an excellent television reporter based in Grand Rapids – Michigan – who I work with frequently and I couldn't figure out why he was asking about this issue and when in the last week did he switch to Reuters. Now I get it.

Here's our statement, which you can attribute to me.

"We will cooperate fully with any requests from the U.S. Attorney's Office as it looks into Flint's water challenges. Gov. Snyder has appointed an independent panel that is reviewing all state, local and federal actions related to the situation. We are committed to working with Mayor Karen Weaver and county leaders as we focus on protecting the health of Flint residents and all Michiganders."

Happy to help all David Baileys, any time.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: david.bailey@thomsonreuters.com [mailto:david.bailey@thomsonreuters.com]
Sent: Tuesday, January 05, 2016 2:05 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water contamination investigated by US EPA, prosecutors

Hi,

I am a reporter from Reuters. Has the governor's office talked with the U.S. Attorney in Detroit or the U.S. EPA about the Flint water crisis?
Have you been notified formally of a federal criminal or civil probe about the drinking water supply in Flint?
Does the governor have a comment on the acknowledgement by the U.S. Attorney's Office in Detroit that they are looking into the contamination?

Any help much appreciated.

Sincerely,

David Bailey

David Bailey
Minnesota Correspondent

Reuters News

Phone: +1 952 582-1164
Mobile: PPI

david.bailey@thomsonreuters.com
thomsonreuters.com

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 2:11 PM
To: 'Burr, Richard'
Subject: RE: Detroit News request for comment on Common Cause Michigan's call for all Flint documents protected by FOIA

Hi Richard,

The Governor is proud of the efforts his office has made to increase transparency and accountability, including dashboards featuring metrics for each department and creation of a citizen's guide to how state and local governments spend money. We're always focusing on continuous quality improvement in this area.

The Governor also has promised complete cooperation with the independent Flint Water Task Force that is reviewing all state, local and federal actions related to the situation as the administration focuses on the health and welfare of people in Flint and across the state.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Burr, Richard [mailto:RBurr@detroitnews.com]
Sent: Tuesday, January 05, 2016 2:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Detroit News request for comment on Common Cause Michigan's call for all Flint documents protected by FOIA

Dave,
I just need the statement you gave to MLive, Flint Journal about the Common Cause call for Gov/ Rick Snyder to drop his executive privilege and release all documents and correspondence connected to the Flint water crisis.

Richard Burr
Politics and Government Editor
The Detroit News
160 W. Fort St.
Detroit, MI 48226
(313) 222-2294
rburr@detroitnews.com

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:12 PM
To: Egan, Paul (pegan@freepress.com)
Subject: Your question

Hi Paul,

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:56 PM
To: 'Egan, Paul'
Subject: RE: Your question

Just curious, who is making these allegations?

Gov. Snyder has been allocating state resources to address health and wellness challenges in Flint since October through his action plan. We've been working closely with Mayor Weaver and other local leaders on a variety of approaches to obtaining additional resources. Those are conversations that will continue, along with collaborative efforts with city and county leaders.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, January 05, 2016 5:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

On the allegations of delay, is the governor saying the state had to wait for formal request from county before it could act?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, January 05, 2016 5:12 PM
To: Egan, Paul <pegan@freepress.com>
Subject: Your question

Hi Paul,

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray

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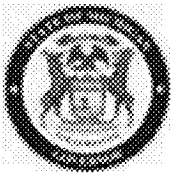
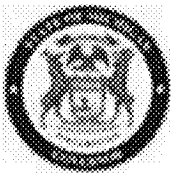


From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 6:20 PM
To: 'Egan, Paul'
Subject: RE: Your question

For the declaration, we needed to have a formal request from the county. When we received that request, we were able to issue the declaration in a day. But we have been working with Flint leaders for months.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray



From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, January 05, 2016 5:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

As soon as I posted story on Twitter a lot of people chimed in with "110 days too late," etc. Ananich said "It is beyond frustrating that the city I love, and the people who live in it, had to declare it destroyed before the state would act with any urgency."

I don't think you answered my question: is the governor saying the state had to wait for formal request from county before it could act?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, January 05, 2016 5:56 PM
To: Egan, Paul <pegan@freepress.com>
Subject: RE: Your question

Just curious, who is making these allegations?

Gov. Snyder has been allocating state resources to address health and wellness challenges in Flint since October through his action plan. We've been working closely with Mayor Weaver and other local leaders on a variety of approaches to

obtaining additional resources. Those are conversations that will continue, along with collaborative efforts with city and county leaders.

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Press Secretary | Executive Office of Governor Rick Snyder
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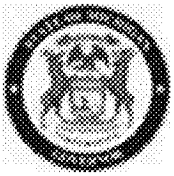

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, January 05, 2016 5:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

On the allegations of delay, is the governor saying the state had to wait for formal request from county before it could act?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, January 05, 2016 5:12 PM
To: Egan, Paul <pegan@freepress.com>
Subject: Your question

Hi Paul,

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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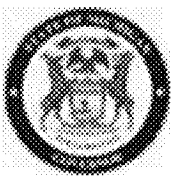

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:27 PM
To: 'Smith, Mitch'
Subject: RE: New York Times request

Hi Mitch,

I'm just catching up to this. I know the governor's schedule is packed tomorrow, but let me see if I can find a 10-minute window somewhere. Is there a particular time of day you have in mind? Here's the contact info for Ron Leix, who is outstanding and can provide you many details:

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
TX: (517) 336-6464

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Smith, Mitch [mailto:mitchell.smith@nytimes.com]
Sent: Tuesday, January 05, 2016 7:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New York Times request

Hi Dave,
I'm a New York Times reporter working on a story about the Flint water issues and Gov. Snyder's recent actions. I was wondering if the governor would be available for a phone interview tomorrow. I'd like to include his perspective on what he'd like to see going forward, the actions he's already taken, and his reflections on how the state has handled this issue.
Also, is there a media contact at MSP/EMHSD you can point me toward who could arrange an interview about what state resources will be used in light of the emergency declaration?
Thanks for your help.
-Mitch Smith

Mitch Smith

The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: PPI

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:53 PM
To: 'Smith, Mitch'
Subject: RE: New York Times request

Mitch, I don't know how closely you've been following this issue to this point, so I wanted to share some background on what the state has done so far.

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Gov. Snyder declares emergency for Genesee County

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Smith, Mitch [mailto:mitchell.smith@nytimes.com]
Sent: Tuesday, January 05, 2016 7:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New York Times request

Hi Dave,
I'm a New York Times reporter working on a story about the Flint water issues and Gov. Snyder's recent actions. I was wondering if the governor would be available for a phone interview tomorrow. I'd like to include his perspective on what he'd like to see going forward, the actions he's already taken, and his reflections on how the state has handled this issue.

Also, is there a media contact at MSP/EMHSD you can point me toward who could arrange an interview about what state resources will be used in light of the emergency declaration?
Thanks for your help.
-Mitch Smith

Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: PPI

Subject: Flint Water Conference Call

Start: Tue 9/15/2015 12:00 PM
End: Tue 9/15/2015 12:30 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)

Call In:
Access: **PPI**
Stacie will host

Participants
Harvey Hollins
Eric Brown
Maggie Pallone
Brad Wurfel

Subject: Flint Water Conference Call

Start: Tue 9/15/2015 12:00 PM
End: Tue 9/15/2015 12:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)

Call In:
Access: **PPI**
Stacie will host

Participants
Harvey Hollins
Eric Brown
Maggie Pallone
Brad Wurfel

Subject:	Flint Water Conf Call
Start:	Fri 9/18/2015 8:00 AM
End:	Fri 9/18/2015 9:00 AM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	Clayton, Stacie (GOV)
Required Attendees:	Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Posthumus, Dick (GOV); Brown, Eric (GOV); Lyon, Nick (DCH); Wyant, Dan (DEQ); Khouri, Nick (TREASURY); Wisniewski, Wendy (GOV); Rospond, Laurie (GOV); Grijalva, Nancy (DCH); Thelen, Mary Beth (DEQ); Doyle, Maureen (Treasury); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)
Optional Attendees:	Mcbride, Bill (GOV)

Call In:
Access: **PPI**
Harvey will host

Agenda

DEQ update on Flint water and elected officials briefing
Dennis Muchmore update
Harvey Hollins update
Treasury update
DHHS update
Action steps going forward (DEQ)

Participants

Dennis Muchmore
Dick Posthumus
Harvey Hollins
Eric Brown
Bill McBride
Nick Lyon
Dan Wyant
Nick Khouri

From: Wurfel, Brad (DEQ)
Sent: Monday, August 31, 2015 10:25 AM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Fwd: Urgent: Independent Flint Water Study

Liane / Steve, can you look into this situation as a priority?

Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.

Thanks.
b

Sent from my iPhone

Begin forwarded message:

> **From:** Curt Guyette <cguyette@aclumich.org>
> **Date:** August 31, 2015 at 10:18:34 AM EDT
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: Urgent: Independent Flint Water Study**
>
> Mr. Wurfel,
>
> Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.
>
> This is what VT is reporting:
>
> *Over the weekend we analyzed another 72 lead samples collected by Flint residents and mailed to VT. For the 120 samples analyzed to date,* ***forty two percent were over 5 ppb****, which suggests a serious lead in water problem according to our experience and criteria. Twenty-three (20% of those collected) also exceeded 15 ppb lead, suggesting a serious lead in water problem.* ***That is, the Flint Citizen Science study to date, is finding results worse than the EPA standard which is applied to sampling "worst case" homes.*** *The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.* ***The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to "worst case" homes, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes.*** *Needless to say, these data are very worrisome.*
>
> Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

From: Busch, Stephen (DEQ)
Sent: Monday, August 31, 2015 10:35 AM
To: Wurfel, Brad (DEQ)
Cc: Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Re: Urgent: Independent Flint Water Study

Brad,

We are aware of the VT professor. I can bring you up to speed this afternoon or whenever you are available

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Sent from my iPhone

On Aug 31, 2015, at 10:25 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

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>
> Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.
>
> Thanks.
> b
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** Curt Guyette <cguyette@aclumich.org>
> > **Date:** August 31, 2015 at 10:18:34 AM EDT
> > **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> > **Subject: Urgent: Independent Flint Water Study**
> >
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> >
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Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

From: Clayton, Stacie (GOV)
Sent: Monday, September 14, 2015 10:13 AM
To: Brown, Eric (GOV); Hollins, Harvey (GOV)
Subject: RE: Flint Water

Good Morning Eric,

Harvey is available at 11:30am today. I will send the appointment for you to call him in the office.

Stacie

From: Brown, Eric (GOV)
Sent: Monday, September 14, 2015 10:11 AM
To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: Flint Water

Harvey,
Do you have time today to catch up on the Flint water issue? I'm free until 11:30, from 1-1:30, and from 4-5pm today. Let me know if any of those windows work for you.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
PPI (mobile)

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 16, 2015 4:27 PM
To: Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Brown, Eric (GOV)
Cc: Brown, Jessica (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: Kildee Response re Flint Water
Attachments: Kildee Response re Flint Water.docx

Here is DEQ's formal response to the congressional inquiry on Flint water. FYI. Going out COB today. Call me if you have questions or issues.
b

From: Feuerstein, Heather (DEQ)
Sent: Wednesday, September 16, 2015 4:23 PM
To: Wurfel, Brad (DEQ)
Subject: Kildee Response re Flint Water

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 16, 2015

VIA E-MAIL

The Honorable Daniel Kildee
United States House of Representatives
Washington, DC 20515

Dear Congressman Kildee:

Thank you for your September 9, 2015, letter regarding your concerns for the drinking water in the city of Flint (Flint). The Michigan Department of Environmental Quality (MDEQ) is working closely with Flint's water department as well as the U.S. Environmental Protection Agency (USEPA) to ensure Flint residents have ample water that meets state and federal drinking water standards.

The MDEQ's role is to administer its nearly 40-year-old state drinking water protection program based on federal guidelines. The MDEQ works with approximately 11,500 public water systems in the state to monitor for more than 90 primary drinking water contaminants and ensure that every supply consistently provides safe drinking water.

In Flint, the city made a decision 18 months ago to switch drinking water sources. This change required them to take specific measures under the federal Lead and Copper Rule, which was enacted in 1991 to monitor water as it interacts with lead service connections and home plumbing. Flint's test results were conducted according to the same testing protocols every Michigan community uses and the same protocols Flint has used to test its water every three years for the past 25 years.

While the results from Flint's testing show compliance with the federal action level for lead and copper, on August 17, 2015, the MDEQ instructed the city to move forward expeditiously with developing additional corrosion control treatment to minimize the corrosive effects between drinking water and lead service connections and home plumbing in the Flint service area.

We appreciate and share your concern for the situation, and the MDEQ looks forward to providing you a detailed briefing next week. If you have any additional questions in the meantime, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6704 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director

517-284-6700

cc: Senator Jim Ananich
Representative Sheldon Neeley
Representative Phil Phelps
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Pallone, Maggie (DEQ)
Sent: Thursday, September 17, 2015 1:55 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Wurfel, Brad (DEQ); Brown, Eric (GOV)
Subject: RE: Conf Call on Friday

Here is the agenda that Director Wyant is proposing:

DEQ update on Flint water and elected officials briefing
Dennis Muchmore update
Harvey Hollins update
Treasury update
DHHS update
Action steps going forward (DEQ)

Thanks
Maggie

From: Clayton, Stacie (GOV)
Sent: Thursday, September 17, 2015 12:07 PM
To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Conf Call on Friday

Greetings All,

Please let me know if there an agenda or other materials that the group will need for the conference call on Friday morning at 8:00am. I can send it to everyone this afternoon.

Stacie

313.456.4994 (office)
claytons3@michigan.gov

From: Pallone, Maggie (DEQ)
Sent: Thursday, September 17, 2015 3:55 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Brown, Eric (GOV); Ackerman, Darin (GOV)
Cc: Wurfel, Sara (GOV); Brown, Jessica (GOV)
Subject: Ananich Flint Water Response
Attachments: Flint Water Response.pdf

Here is DEQ's formal response to the Michigan legislators inquiry on Flint water. FYI only, this is going out momentarily. We are also briefing them in person on Monday morning.
Give me a call if you have any questions.
Thanks,
Maggie

From: Feuerstein, Heather (DEQ)
Sent: Thursday, September 17, 2015 3:48 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: Flint Water Response

Here is the letter to Senator Ananich and Reps Neeley and Phelps.

Heather Feuerstein
Management Assistant to
Maggie Pallone, Deputy Director and
Brad Wurfel, Communications Director
Department of Environmental Quality
517.284.6715

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 17, 2015

VIA E-MAIL

The Honorable Jim Ananich
State Senator
State Capitol
P.O. Box 30036
Lansing, Michigan 48909-7536

The Honorable Sheldon Neeley
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

The Honorable Phil Phelps
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

Dear Senator Ananich and Representatives Neeley and Phelps:

Thank you for your letter of September 10, 2015, regarding water quality in the city of Flint (City). Your interest in this matter is appreciated. The Michigan Department of Environmental Quality (MDEQ) takes seriously its responsibility to ensure safe drinking water for all Michigan residents. The MDEQ maintains a robust public water supply regulatory program through long-standing partnerships with the United States Environmental Protection Agency (USEPA) and the state's regulated public water systems.

With respect to the draft memo referenced in your letter, the MDEQ does not review or receive draft memos from the USEPA, nor would we expect to while it is a draft.

Regulations associated with lead, copper, and corrosion control require communities to monitor water quality at customer taps. The monitoring protocols for sampling home water attempt to represent actual home water use, and they allow the MDEQ to get consistent results for year-over-year comparisons.

It is important to recognize that any home with lead plumbing or service connections will impart some amount of lead to water samples. While the compliance monitoring for lead in the City has not exceeded the federally-established Action Level, either before or after the City switched sources and treatment methods, there has always been

detectable lead in the City's water sampling program for homes that have lead plumbing or service connections. The City's monitoring program's purpose is to show aggregated levels throughout the entire system, not individual home levels.

The law requires the City to provide individual lead results to customers whose homes are sampled for compliance with the Action Level. Each customer with an individual sample result that exceeds 15 parts per billion is provided information on actions they can take to limit lead exposure in their drinking water. System-wide results from the most recent lead compliance monitoring are included each year in the City's annual Consumer Confidence Report, which is provided to customers and available online.

It is important to note that the City performed extensive home water tests for lead and copper last year and this year, and is meeting state and federal drinking water standards. Local health departments also administer annual blood level testing on children in Flint; results show no discernable rise in levels that might be expected if there was an elevated lead level in the City water supply. The City currently has no unresolved violations of state and federal drinking water standards.

The MDEQ continues to work with the City and federal regulators on the shared goal of ensuring safe, reliable drinking water in this community.

I look forward to discussing this issue in greater detail at the meeting next week. If you should have additional questions before then, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6715 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director
517-284-6700

cc: U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Richard Benzie, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:33 PM
To: Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV)
Cc: Wurfel, Sara (GOV); Tommasulo, Karen (DEQ); Murray, David (GOV); Brown, Jessica (GOV); Brown, Eric (GOV)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Statement. And invitation from Flint Journal for comment…

b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM
To: Wurfel, Brad (DEQ)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Brad: Do you want to comment?

I just got this and have to file something by 5-530.

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Rivard, Mitchell [mailto:Mitchell.Rivard@mail.house.gov]
Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
Subject: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FOR IMMEDIATE RELEASE
Monday, September 21, 2015

Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FLINT – Congressman Dan Kildee (MI-05) today, as part of his continued efforts to get answers regarding recent lead levels recorded in the city of Flint's water system, met with the Michigan Department of Environmental Quality (DEQ) and the Environmental Protection Agency (EPA) in Lansing.

The meeting followed a letter sent last week by Congressman Kildee posing various questions about recent lead levels in the water. In response to Congressman Kildee's letter, the DEQ and EPA invited Congressman Kildee and other local, state and federal elected officials to attend today's briefing in Lansing.

After the meeting today, Congressman Kildee issued the following statement:

"After meeting with the EPA and DEQ, it is clear to me that immediate independent and scientific testing is necessary to determine the safety of Flint's water. So far, the city, DEQ and EPA have not adequately answered my questions on their testing methods to ensure the safety of Flint's water.

"So far, I have been given no reason to have confidence in the current testing results. For example, it is unclear if homes sampled also took part in previous tests, which could have shown trends in water quality.

"I call on the Michigan Department of Environmental Quality and the Environmental Protection Agency, in coordination with the city of Flint, to work together to conduct additional independent and scientific testing of Flint's water. Additional testing must be expanded from its current scope to include more homes. It must also factor in the most at-risk homes in Flint.

"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:52 PM
To: Brown, Eric (GOV); Muchmore, Dennis (GOV)
Cc: Murray, David (GOV)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Heads up. Flint journal asked for comment on Kildee statement.

b

From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:48 PM
To: 'Ronald Fonger'
Subject: RE: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

"The state much appreciated the opportunity to explain its role in regulating drinking water systems – in particular, the fact that the water supply presently meets all state and federal water quality standards but that homes with lead service connections and lead plumbing are and always have been imparting some part-per-billion of lead, which is a concern.

"We were pleased to conclude the meeting with the shared commitment to bring a local, state and federal partnership to address this issue through the City's technical advisory team. Given issues like the proposed federal grant forgiveness or the call for system-wide replacement of home lead connections to address the long-term issue, the leadership of our congressional delegation will be of critical importance."

b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM
To: Wurfel, Brad (DEQ)

Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Brad: Do you want to comment?

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Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

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Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
Subject: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FOR IMMEDIATE RELEASE
Monday, September 21, 2015

Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

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"I call on the Michigan Department of Environmental Quality and the Environmental Protection Agency, in coordination with the city of Flint, to work together to conduct additional independent and scientific testing of Flint's water. Additional testing must be expanded from its current scope to include more homes. It must also factor in the most at-risk homes in Flint.

"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Brown, Eric (GOV)
Sent: Monday, September 14, 2015 10:11 AM
To: 'Hollins, Harvey (GOV)'
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Harvey,
Do you have time today to catch up on the Flint water issue? I'm free until 11:30, from 1-1:30, and from 4-5pm today. Let me know if any of those windows work for you.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
PPI mobile)

From: Becker, Timothy (DHHS)
Sent: Wednesday, December 30, 2015 7:49 PM
To: Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Creagh, Keith (DNR); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: Re: Attorney Client Work Product (Draft), Privileged and Confidential

Not Responsive

On Dec 30, 2015, at 6:57 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Team:

Today Harvey and I met with the Flint Water Task Force. It was a good meeting. People were pleased with the G's statement from the prior day. Captain Kelenske joined us and we had a very good discussion about moving forward with the creation of the Flint Water Crisis Agency Coordinating Committee (FIACC). Tim Becker and Captain Kelenske provided me with a fair amount of input. I also read the City of Flint Incident Action Plan for a State of Emergency which Chris received today (enclosed for those who wish to read it as well). I have distilled all of this into a two page plan that I want your edits and comments on and a one page organizational chart (now presented in the "governor's colors" according to our fine people in Communications). Spoiler alert—I made Captain Kelenske Vice Chair of the whole shebang (with the Colonel's blessing) so Harvey wouldn't get lonely.

Here is my ask of you:

1) Within 24 (sooner if you can) hours give me your comments and input
2) Tomorrow I will turn around a final document for Jarrod to review with the Governor either New Year's Day or Saturday
3) Ideally, Governor will approve Harvey sending it to Mayor Weaver Saturday (Sunday latest)
4) Mayor needs to know that this is what the Governor wishes to discuss at the meeting January 7 along with financial resources that we still need some estimates on cost from DHHS for
5) Meegan and Dave need to noodle how best to get out front with this and change the narrative focus on Monday's Genesee County declaration of emergency

I know we are all working way too hard for what should be a rest and recharge period but I do appreciate everyone's efforts and I know the Boss really does as well.

Regards,

Rich

<A Proposal to Create the Flint Water Inter.docx>

<IA Coord Com Org Chart.jpg>
<IAP Flint Water 2015-12-29.pdf>

From: Hollins, Harvey (GOV)
Sent: Tuesday, December 29, 2015 11:28 AM
To: Baird, Richard (GOV); Redford, James (GOV)
Cc: Agen, Jarrod (GOV); Holland, Meegan (GOV)

Attorney-Client Privilege

Attorney-Client Privilege

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 9:09 PM
To: Redford, James (GOV) <RedfordJ@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>

Attorney-Client Privilege

Attorney-Client Privilege

Sent from my Verizon Wireless 4G LTE DROID
On Dec 28, 2015 8:42 PM, "Redford, James (GOV)" <RedfordJ@michigan.gov> wrote:

Attorney-Client Privilege

Sent from my iPad

Begin forwarded message:

From: "Holland, Meegan (GOV)" <HollandM2@michigan.gov>
Date: December 28, 2015 at 8:37:43 PM EST
To: "Redford, James (GOV)" <RedfordJ@michigan.gov>

Attorney-Client Privilege

Attorney-Client Privilege

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: PPI

Twitter: @meholland

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: PPI

Twitter: @meholland

From: Baird, Richard (GOV)
Sent: Wednesday, December 30, 2015 6:57 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Creagh, Keith (DNR); Roberts, John (DTMB)
Cc: Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: Attorney Client Work Product (Draft), Privileged and Confidential
Attachments: A Proposal to Create the Flint Water Inter.docx; IA Coord Com Org Chart.jpg; IAP Flint Water 2015-12-29.pdf

Team:

Today Harvey and I met with the Flint Water Task Force. It was a good meeting. People were pleased with the G's statement from the prior day. Captain Kelenske joined us and we had a very good discussion about moving forward with the creation of the Flint Water Crisis Agency Coordinating Committee (FIACC). Tim Becker and Captain Kelenske provided me with a fair amount of input. I also read the City of Flint Incident Action Plan for a State of Emergency which Chris received today (enclosed for those who wish to read it as well). I have distilled all of this into a two page plan that I want your edits and comments on and a one page organizational chart (now presented in the "governor's colors" according to our fine people in Communications). Spoiler alert—I made Captain Kelenske Vice Chair of the whole shebang (with the Colonel's blessing) so Harvey wouldn't get lonely.

Here is my ask of you:

1) Within 24 (sooner if you can) hours give me your comments and input
2) Tomorrow I will turn around a final document for Jarrod to review with the Governor either New Year's Day or Saturday
3) Ideally, Governor will approve Harvey sending it to Mayor Weaver Saturday (Sunday latest)
4) Mayor needs to know that this is what the Governor wishes to discuss at the meeting January 7 along with financial resources that we still need some estimates on cost from DHHS for
5) Meegan and Dave need to noodle how best to get out front with this and change the narrative focus on Monday's Genesee County declaration of emergency

I know we are all working way too hard for what should be a rest and recharge period but I do appreciate everyone's efforts and I know the Boss really does as well.

Regards,

Rich

A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FIACC)

In collaboration with the Flint After-Action Task Force, MSP Captain Chris Kelenske, DHHS Chief Deputy Tim Becker and DHHS Director Nick Lyon, Harvey Hollins and Rich Baird are recommending the immediate creation of the above referenced entity, with its sustained role and responsibility enabled under the Governor's Executive Order.

Statement of Need

Due to a combination of resource constraints, inexperienced personnel, "silo" bureaucratic processes and reactionary approaches to immediate problems, there is a nearly complete lack of coordination, communication, and connected management amongst all the departments and stakeholders who must work together to ensure Flint's return to clean, safe water and to coordinate mid and long term efforts to mitigate and address future health and behavioral consequences from lead ingestion. This group MUST be stood up regardless of whether (or when) the conditions required for a declaration of emergency are met by the City, County, State or Federal authorizers. This coordinating body must include:

- The creation of a routine information process between all parties.
- Pursuit of other avenues of funding including federal grants and legislative appropriations.
- While the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act may be mechanisms to fix the issues in Flint, portions of the Emergency Management Act outlining management of events are applicable and should be implemented without delay (e.g. Local emergency operations plans/emergency operations guides as well as emergency operations support plans).

Action Plan and Establishing the FIACCC

It appears that a request for a Governor's declaration may be from the county as soon as January 4, 2016. The state's Emergency Coordinator (Capt. Kelenske) will evaluate the request and provide a recommendation whether to issue a declaration, following established protocol and due diligence. But immediately, we will:

1. Establish an interagency workgroup Chaired and Vice-Chaired by Harvey Hollins and Chris Kelenske, respectively, and be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external Subject Matter Experts (SMEs). Civil Rights may be added at a later time. If additional agencies/stakeholders who can assist with accomplishing the action plan are needed, they will be added. Personnel must be goal oriented, transparent with findings and measures of progress, and able to work toward accomplishing the Incident Action Plan created by the state in a timely manner. A draft Organization Chart is attached under separate cover.
2. This body should be created by Executive Order and it must complement and not replace the current system under the Emergency Management Act. In fact, it should demonstrate how to best leverage support where existing laws fall short under a man-made emergency.
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.
4. Establish routine communications protocols at the operational, executive, and legislative levels as determined appropriate.
5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.

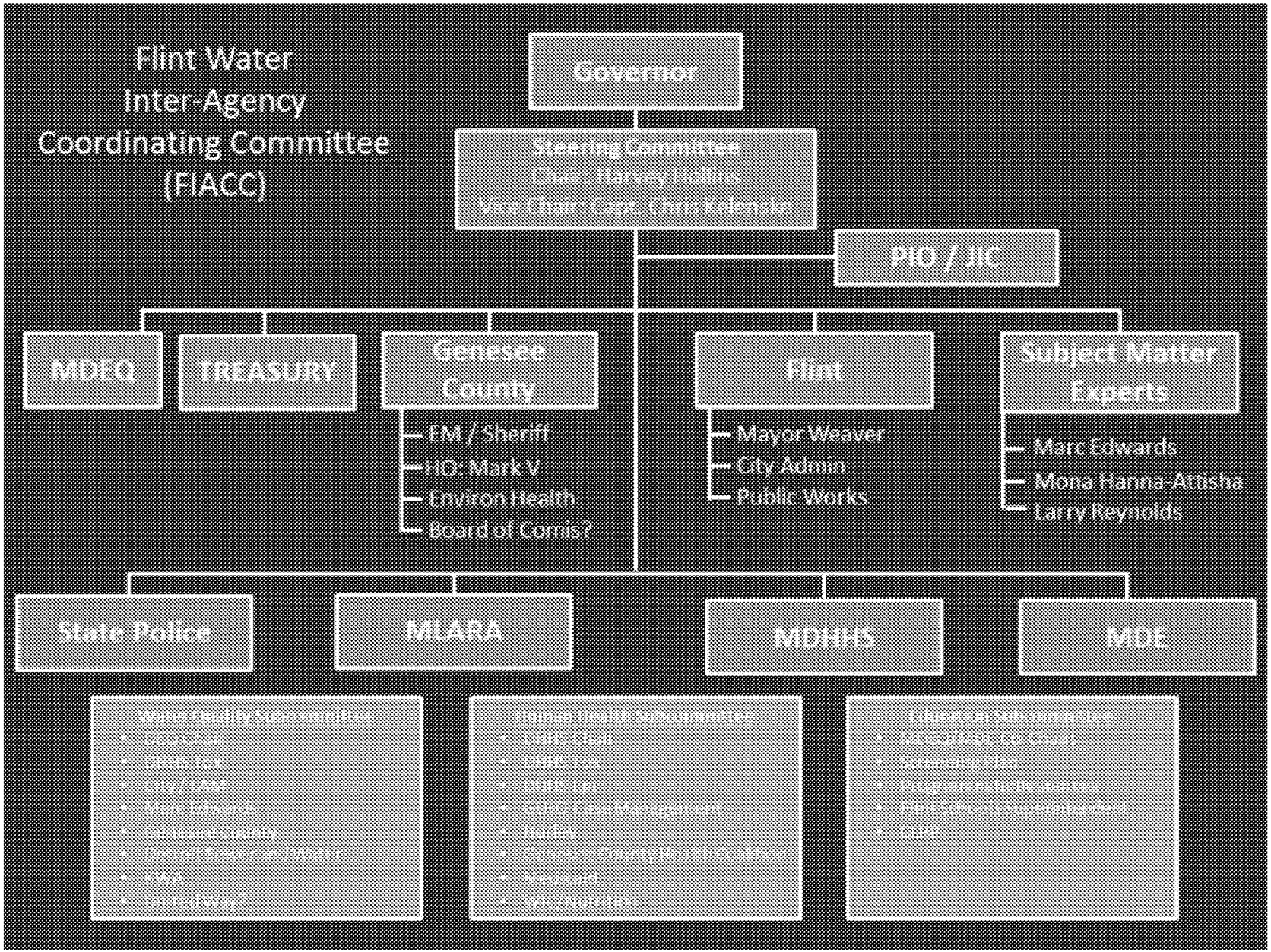
- Identify needed remediation.
- Convey the remediation plan objectives to all stakeholders and interested parties.
- Logistics plan for distribution and serving homebound citizens with water and filtration
- Implement the plan.

2. Determine health impacts for the impacted population.
    - Identify treatment methods.
    - Nutrition education and support
    - Coping with lead exposure (care, monitoring, neurodevelopmental screening, access to DBP specialists, psychologists/psychiatrists, expanded county services, etc.)
    - Convey the treatment plan objectives to interested parties.
    - Implement the plan.
3. Establish a public information protocol to effectively inform the community of the situation and actions taken.
    - Identify existing Public Information outlets within the city, county, and state.
    - Establish a Joint Information Center
    - Provide for Emergency Alerts and Updates
    - Leverage public and private education schools
    - Determine official information flow and approval of information.
    - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
    - Determine current state of the infrastructure.
    - Develop priorities, costs, and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.)
    - Implement the plan.

<u>Final Thoughts</u>

After the team provides input to this document, I would ask that Governor Snyder review and approve the approach, authorize Harvey Hollins to get the plan to Mayor Weaver no later than this weekend, and then proactively communicate the plan regardless of whether we get an Emergency declaration or not.

Also, we do believe setting up an Emergency Command Center which requires 24/7 staffing is sensible until AFTER Genesee County has demonstrated they did all they could and couldn't solve the problem. That is what is required under the law.


Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
Steering Committee
Chair: Harvey Hollins
Vice Chair: Capt. Chris Kelenske
PIO / JIC
MDEQ
TREASURY
Genesee County
FM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna-Attisha
Larry Reynolds
State Police
MLARA
MDHHS
MDE

CITY OF FLINT

INCIDENT ACTION PLAN

STATE OF EMERGENCY

Objectives:

To provide short term relief and long term solutions in addressing the man-made emergency of increased lead levels in the City of Flint (the "City") water system resulting from the switch to Flint River as the City's water source as well as the threat to public health related to elevated blood lead levels in Flint residents, without interruption of the provision of public safety and other essential public services. Due to the fluidic nature of emergencies and the complexity of the City of Flint's declared emergency, this plan serves as a framework and may be altered as the emergency develops.

The Response Framework

The purpose of this plan is to organize efforts on behalf of the city to assess the extent of the City's infrastructure needs and risks to public health, provide immediate relief to those who are at risk, and establish long term solutions. In addition, the city must ascertain what immediate relief and long term solutions the City is capable of implementing based on what resources are available. For any activities that are beyond the resource capacity of the City, external sources of funding, supplies, and manpower must be sought.

There are a number of steps that must be taken in accordance with the Flint Emergency Support Operations Plan (SEOP), in order for the City to be compliant with the Genesee County Emergency Action Guidelines. These include the activation of the Incident Management Team, the Emergency Operation Center, and the sharing of essential documents with the County, including this plan. Information must also be shared by the City's Public Information Officer on a regular basis, as required by the SEOP.

This plan calls for the provision of immediate relief to those at risk in our community. Special consideration must be given to residents who belong to underserved groups, such as those who are homebound, undocumented, in poverty, etc. Additional consideration must also be given to the equitable provision of services throughout our community in order to equally protect the health and safety of every member of our community.

Implementation of this plan is to be conducted by the Incident Management Team, which will monitor the effective delivery of goods and services in order to address the conditions of the emergency.

Understanding the Issue:

October 1, 2015, the Genesee County Health Department issued a Public Health Emergency after elevated blood-lead levels were found among children in the City of Flint. This incident correlates with elevated levels of lead found in the City's drinking water after the City switched water sources in April of

2014 to the Flint River. The scope of this problem appears to be limited to Flint City Water Customers and their dependents. Public agencies from several levels of government, as well as charitable, nonprofit organizations have partnered with the City to provide immediate relief to Flint residents, including the expansion of health services, the provision of bottled water and NSF rated water filters. The city is also seeking long term infrastructure improvements to eliminate lead and other contaminants from the water system.

Gov. Rick Snyder appointed a task force to review "actions regarding water use and testing in Flint" and to make recommendations for future guidelines: Members of the state task force are Ken Sikkema of Public Sector Consultants, Chris Kolb of the Michigan Environmental Council, Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center.

In an effort to halt the further escalation of this crisis, the City returned to receiving its water from the Detroit Water and Sewerage Department (DWSD) on October 16, 2015. Since that time, additional corrosion control program has started, estimating a reduction of lead levels over the next six months. In light of these efforts, concerns surrounding the quality of water and health of the residents persist to the point that Mayor Karen Weaver declared a State of Emergency on December 14, 2015 so as to resolve this crisis once and for all.

The current challenge facing the City is providing immediate relief and long term solutions of the quality of the water and health of residents while the City remains in a financially critical condition. It is hoped and expected that higher levels of government recognize this emergency as it pertains to the condition of the City's infrastructure and health of its residents, and do all things necessary to assist the City in the provision of relief and the execution of capital improvement projects that will eliminate the causes of this emergency.

Enhancing Understanding:

Information Collection

Essential Elements of Information (EEIs) can be qualified as the City's water tests containing lead results, the verification of lead water lines (both public and private), and health information. Water testing is performed by the City's water plant in cooperation with the MDEQ. The verification of lead water lines is being handled by University of Michigan Flint, who is currently digitizing the City's water line information and PSI Engineering, who is initiating the effort to verify lead lines by excavating an initial 150 residential lines. This information allows the Incident Management Team to assess the current condition of the emergency by way of determining the water quality and the condition of the water distribution infrastructure.

Information Analysis

The City has sought partners to assist in the analysis and attenuation of complex data. Wayne State University's center for Urban Studies has agreed to assist the City in its efforts to document and track lead water lines, water test results, and filter distribution with geographic information system (GIS) technology. This allows for easily updateable, digestible information to be presented to officials.

Assessment of Impacts

The City will need assistance in determining the total cost of damage done to the public health and infrastructure. As of now, only portions of this damage are visible.

PSI is providing some assistance by excavating 150 residential water lines to verify that they are comprised of lead. This is an initial step, but not enough. More resources will be needed to continue this process.

Continuous Situational Awareness

It is important that the Emergency Management Team receive continuous information regarding water testing results, lead water line numbers, and filter distribution information in order to gain a realistic and current perspective. Much of his information is currently available on the City's website (cityofflint.com) and more is added each week by the PIO team.

Actions taken in Response to the Emergency

Activation of the Incident Management Team

Upon the declaration of Emergency by Mayor Weaver, the Support Emergency Operations Plan (SEOP) was activated. The SEOP calls upon the Incident Management Team to generate the Incident Action Plan (IAP. Each member of this team serves a specific function as it relates to addressing the causes and effects of the emergency. The Emergency Management Team roster can be found in the SEOP on page 3, with a list of alternates on page 4 in case the need for succession arises.

Emergency Operations Center

The Emergency Operations Center (EOC) must be activated upon the declaration of a State of Emergency by the Mayor. This center is required by the SEOP and serves as a nerve center for the Incident Management Team. Here, emergency relief efforts are coordinated by key members of the Incident Management Team. In this case, these relief efforts consist of the distribution of water filters at

City Hall and community events, the distribution of bottled water throughout the city in conjunction with the efforts of community partners, and assisting with the circulation of water testing kits throughout the community. The EOC will also be monitoring and managing the inventory of relief supplies, such as water filters and bottled water.

According to the SEOP, the EOC must establish an incident tracking system. This system will serve as a work plan for the management of the emergency. In addition, it is essential that the IMT record water testing results, lead water line location information, and information about the distribution of water filters and bottled water all in one place so that information is readily available for the Incident Management Team. This information will also be sent out to the public and media in the form of daily regular updates by the City's PIO.

Communication

The EOC maintains a telephone system that exists to intake questions about relief efforts and to organize relief logistics. It is open from 8am to 5pm, Monday through Friday. A voicemail system and eventual email system will exist to handle requests and inquiries that occur outside of the normal operating hours. This system will be constructed by the City's IS department.

Public Awareness and Education

1. **Emergency Alerts and Updates:**
   The City's Public Information Officer will make available information as it relates to the emergency in the form of press releases, emails, and physical documents. Daily updates containing information on the distribution of water filters, bottled water, water testing, blood lead testing, and other relief efforts will be available on the City's website for the public to view. Information will be available at City Hall for residents.

2. **Joint Information Center:**
   The City's PIO will establish a joint Information Center that is organized to coordinate the efforts of multiple agencies to communicate with the public. This includes the circulation of joint press releases, public health information, educational materials, and updates relating to the State of Emergency. This committee is comprised of public information officers and public relations personnel to coordinate efforts to keep the public updated and informed. Regular updates to the media regarding events and progress will be made as news develops.

   The US EPA has offered assistance in the form of Public Information support. Additional support in this area has been provided by the Michigan State Police.

3. **Education:**
   Many government agencies and philanthropic organizations are already distributing information regarding the effects of lead on public health. It is important that the City assist in these efforts so vital information and knowledge is presented to all members of the community. The goal is to continue to eliminate misunderstandings and incorrect information as it relates to reducing lead in drinking water, pursuing medical help, and maintaining a healthy diet to reduce lead absorption in the body. Lead education is currently being performed by the Genesee County Health Department, the Michigan Department of Health and Human Services and Medical community at-large.

Assessment of Social Needs

In order to effectively and equitably provide immediate relief to Flint water customers, the City must take into account many of the socio-economic needs and limitations of the community. Some residents cannot get to City Hall for a water filter. Some residents do not have internet access. Literacy or a language barrier may also pose significant obstacles to the effective distribution of educational information and relief to those in need. These will be continuing challenges facing the community. At present these are the resources the City has available to mitigate some of those challenges.

Logistics

Logistics are being coordinated by the City Emergency Management Team's City's *Chief Logistics Officer*, who is the City Administrator. The CLO is responsible for the coordination, procurement, and transportation of goods and services, which is essential for effective implementation of the response plan.

Fixed Distribution Points

There are several locations throughout the city where residents may acquire a water filter. These locations are:

Flint City Hall
1101 South Saginaw, Flint MI 48502

Genesee County Community Action Resource Department (GCCARD)
601 North Saginaw, Flint MI 48502
and
2727 Lippencott Blvd, Flint MI 48507

Michigan Department of Health and Human Services
4809 Clio Road, Flint MI 48504
and
125 E. Union Street, Flint, MI 48502

Activation of Ward Distribution Centers

Each of the nine wards will have activated distribution centers that are primarily managed by City Council Members or their designees.

Flint City Council – Water Distribution Sites

WARD	COUNCILPERSON	LOCATION	ADDRESS
1	Eric Mays	Hasselbring Senior Center	1002 W. Home Avenue
2	Jackie Poplar	Joy Tabernacle Church	2505 N. Chevrolet Avenue
3	Kerry Nelson	Antioch Baptist Church	1083 E. Stewart Avenue
4	Joshua Freeman	Flint Fire Station No. 5	3402 Western Road
5	Wantwaz Davis	Doyle/Ryder Elementary School	1040 N. Saginaw Street
6	Herbert Winfrey	New Community Baptist Church	1375 Lavender Avenue
7	Monica Galloway	Brennan Community Center	1301 Pingree Avenue
8	Vicki VanBuren	Flint Southwestern Academy	1420 W. 12th Street
9	Scott Kincaid	Dort Mall Police Service Station	3600 S. Dort Highway

Mobile Distribution Centers

With the help of transportation agencies, like the Metro Transit Authority (MTA), meals on wheels, and GCCARD, the city can help establish mobile distribution centers and delivery systems that can provide water filters, bottled water, and nutritious foods, among other types of relief accompanied by educational materials to neighborhoods and to homes of people who experience limited mobility.

- Mass Transportation Authority-MTA bus passes: Assisting residents with bus passes to improve their mobility will increase their chances of receiving help. Transportation services will also improve residents' access to medical care.
- MTA-Your Ride mobile distribution:
    - Estimated Costs: $25 per hour to deliver water and filters to homes throughout the City.

Problem 1. Public Health Emergency

The first objective in addressing this emergency is reducing, and eventually eliminating, the danger to public health. As City water coming out of faucets continue to contain lead, and copper and other

harmful contaminants exceeding government guidelines and regulations, it poses a risk to the people of our community. Preventative measures must be taken to avoid the effects of toxicosis that are difficult if not impossible to completely reverse.

As far as preventative measures are concerned, education, water filters, and bottled water must be provided to every household in the City in order to reduce the chances of lead exposure, especially to our most vulnerable members of the community. If lead exposure has occurred, resulting in elevated blood lead levels, immediate and sustained medical attention must be available to those affected. Health services must be expanded in the area to accommodate increased numbers of case loads and specialized care regarding lead poisoning and its effects.

Immediate Relief for Public Health:

1. Prevention: Education, water filters and replacement cartridges, free water testing, and bottled water must be available to everyone.
2. Access to nutritious food that reduces the risks of lead absorption by the body. The City can coordinate activities with the County Health Department

Long Term Solutions: Maintaining Public Health and Coping with Lead Exposure

1. Work closely with the Genesee County Health Department and Michigan Department of Health and Human Services in order to provide sustainable care and monitoring of children exposed to lead. This care must be available for them for several years-preferably several decades.
2. Support and education for primary care providers regarding aggressive long-term neurodevelopmental screening and testing.
3. Improved access to developmental and behavioral (DBP) specialists, pediatric psychologists, pediatric psychiatrists.
    a. Pre-emptive referral to mental health/ toxic stress screenings.
    b. Support capacity building and or incentivize recruitment to allow Genesee health system (CMH) to build this capacity which is currently needed and lacking.
4. Increase recognition and education regarding trauma informed care, social determinants of health (SDOH).
5. Expand State funded Genesee Health System (CMH) services.
    a. Infant mental health (30 day capacity)
    b. Child case management
    c. Home based services
    d. Trauma informed care- trauma focused CBT

Problem 2. Lead Contamination in the Water

Immediate Relief:

1. Education, water filters and replacement cartridges, free water testing for water customers, and bottled water must be available to everyone. Water filters can be obtained at any of the fixed distribution points throughout the City.
2. Identification and verification of lead water service lines throughout the city- both public and private.
3. Assistance to identify lead pipes within buildings and homes.

Distribution of Bottled Water:
At this point, we are directing all offers for donations to the Food Bank of Eastern Michigan. It is imperative that water be accessible to all members of the community through a variety of distribution channels. These channels are explained in the Logistics Section of this plan.

Distribution of Test Bottles:
Water testing kits can be picked up at City Hall with instructions. Test results are posted on the City's website to raise public awareness and encourage more participation.

Long term Solutions: Capital Improvements Needs
The distribution of filters, water, and food to counter the effects of lead are essential response efforts to keep people safe. However, long term solutions are required to keep people healthy, to eliminate lead from the public and private water distribution system distribution, and to provide affordable clean water. Our public infrastructure and utilities must be reliable, sustainable, and equitable in order for this community to rebound after this emergency. The following long term solutions must be implemented in order to set the City of Flint on a course for recovery. These solutions come at a heavy cost for a City that is currently in receivership. The City has experienced financial distress due to this Emergency, in addition to a two million dollar loss from switching back to DWSD. The City has diligently applied for Fiscally Distressed Cities, Villages, and Townships, Grant in order to supplement funding for capital improvement projects. It is essential that these grants be awarded in order to achieve long term solutions.

1. COMPLETE **Transition to a Temporary Safe Water Source until the Completion of KWA:**
   This has already occurred. On October 16, 2015, Flint returned to receiving its water from DWSD on a 9 month agreement. This agreement will expire in June 2016, when the KWA is projected to be complete. The City had to pay $2 million out of its general fund to make this switch.

2. IN PROGRESS **Additional Corrosion Control added to the Water System:**

This is already occurring. In early December, 2015, Flint began to add additional corrosion control to the water coming in from DWSD in attempts to rebuild the protective scale inside its pipes. This is estimated to reduce lead levels in two to six months.

3. **Faucet Replacement:**
   Replacement of Water faucets, and drinking fountains in the school system. It has been determined after state inspections that many sources of lead contamination in the School System's water were the faucets themselves. These faucets need to be replaced.

4. **Water Line Replacement:**
   Water Line Replacement to reduce antiquated infrastructure and lead service lines. These lines must be identified, verified, and replaced. Residents who are facing financial hardships must have access to assistance to cover the costs of these replacements through access to grants and (forgivable) loans made available through State and Federal agencies. The corrosion damage to public and private lines that Flint River water caused is still being determined.
   - Replacement of an estimated fifteen thousand (15,000) lead service lines at an estimated cost of three thousand dollars ($3,000) per line. Total costs forty –five million dollars ($45,000,000). This project is estimated to be one of the most cost-intensive endeavors related to ameliorating water contaminants.

5. **Reimbursement of Critical Expenditures:**
   Seeking reimbursement of two million dollar cost of returning to DWSD and forgiveness of Water Revolving Loan Debt from the State of Michigan.

6. **KWA Capital Improvements**: The City has reconnected to Detroit temporarily until a water line from Port Huron is developed. The new water line known as the KWA pipeline or Karegnondi Water Authority is expected to bring water to the City from Lake Huron by July. The current cost agreement between Flint and DWSD is for nine months, therefore it is imperative that KWA be completed as soon as possible. Assistance relating to capital improvements to expedite this process will help to achieve long term goals.

KWA Capital Improvements:	**Estimated Costs:**
a. Transfer Station to Dort Reservoir	*$4,500,000*
b. Raw water line to pump station #4	*$636,000*
c. Phosphoric acid feed system	*$186,000*
d. Alum Feed system	*$40,000*
e. Post filtration system	*$387,289*

f.	*SCADA Upgrades*	*$424,000*
g.	*Sewer Relining*	*$100,000*
	Total	***$6,273,289***

Ancillary Considerations: Public Safety during an Emergency

During a time of emergency public safety agencies need to be prepared to respond to threats to public safety and critical infrastructure. The City is facing a man-made emergency that is threatening the public health. Resentment and hostility toward local institutions and municipal government is at a significant level.

Critical infrastructure should be safeguarded if the need arises. This includes increasing security at City Hall to reduce potential for public safety risks. In the case of credible threats to public infrastructure, it may be required to hire private security company for first line of defense. Private Security is lower cost, thereby making it the first option. The minimum response is acted upon first, elevating only if the need arises. Credible or imminent threats of damage or destruction to critical infrastructure requires an elevated response. Such needs may require over-time police officers to address critical situations. Mutual aid from surrounding communities can be requested if Flint public safety is overextended.

Implementation:

Community Partners

Financial limitations of the city persist while it confronts this emergency. Many community partners have offered their assistance to perform various needed functions. The city is heavily reliant on the assistance that government agencies and nonprofit organizations have provided.

The Mott Foundation

The Mott Foundation has provided financial assistance, especially in their generous contribution of $4 million. In addition, the Mott Foundation has recently pledged an additional

United Way

The Genesee County United Way has provided significant financial assistance in the way of purchasing and helping to distribute water filters since the public health emergency began on October 1st, 2015.

Genesee County Community Action Resources Department (GCCARD)

GCCARD is organized to fight poverty and has been a primary partner in the distribution of water filters. It has also regularly supported the city with the logistics and availability of water filters at City Hall.

Genesee County Health Department

Has provided educational information to Flint Water customers

Genesee County Board of Commissioners

The Board of Commissioners have pledged their support to help Flint seek solutions to this crisis. The Board has already assisted in making health and nutrition information available to the public.

Assistance from Wayne State University

Wayne State University's Center for Urban Studies will be providing technical GIS support to assist in the documentation of emergency relief efforts.

The US Environmental Protection Agency

Region 5 EPA has offered assistance with Public Information distribution during the emergency.

Outside Help is still needed…

The City of Flint is forever thankful to our community partners who have given so much to help so many people. However the magnitude of this emergency calls for more resources that are beyond the capacity of the combined local organizations and government agencies. Long term solutions will require a heavy investment in health care and capital improvement projects to upgrade the city's antiquated water distribution system.

- Help with Immediate Relief in terms of assuring allocative efficiency. Distribution should be equitable- assistance from other governments required to assure this.
- Reaching communities for the distribution of water filters, water, and educational materials.
- Help with Water Testing to increase participation and lead education.
- Increasing the rate of water testing
- Assistance is required to fund essential capital improvement projects to guarantee clean and safe water.

From: Creagh, Keith (DNR)
Sent: Wednesday, December 30, 2015 8:15 PM
To: Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: Re: Attorney Client Work Product (Draft), Privileged and Confidential

Not Responsive

Not Responsive The individual I was speaking with wanted to further explore:
Increased funding/focus for Head start to get ahead of the curve
School nutrition and distribution systems (year around)
Fresh produce/local foods

Individual health screening
Infrastructure improvements

I know most if not all are identified in the outline but might want to further explain the nutrition component if the Docs in the group say it might be beneficial for those involved.

Thanks again-Keith

Sent from my iPad

On Dec 30, 2015, at 6:57 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

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<IAP Flint Water 2015-12-29.pdf>

From: Kelenske, Chris (MSP)
Sent: Wednesday, December 30, 2015 8:38 PM
To: Creagh, Keith (DNR); Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: RE: Attorney Client Work Product (Draft), Privileged and Confidential

Not Responsive

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Infrastructure improvements

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Thanks again-Keith

Sent from my iPad

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<A Proposal to Create the Flint Water Inter.docx>

<IA Coord Com Org Chart.jpg>

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From: Clement, Elizabeth (GOV)
Sent: Wednesday, December 30, 2015 8:51 PM
To: Kelenske, Chris (MSP)
Cc: Creagh, Keith (DNR); Baird, Richard (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
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From: Hollins, Harvey (GOV)
Sent: Wednesday, December 30, 2015 8:51 PM
To: Creagh, Keith (DNR)
Cc: Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: Re: Attorney Client Work Product (Draft), Privileged and Confidential

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From: Holland, Meegan (GOV)
Sent: Wednesday, December 30, 2015 9:01 PM
To: Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Creagh, Keith (DNR); Roberts, John (DTMB)
Cc: Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: RE: Attorney Client Work Product (Draft), Privileged and Confidential

Not Responsive

The goal: Assess the extent of the elevated blood lead levels – the number of those affected and the degree to which they're affected

- Get as many people in the affected zip codes tested as possible – can the Red Cross or some other agency with a bus or mobile unit set up for folks to give blood convert over to blood level testing and go into neighborhoods that have low testing rates?
- A public health friend of mine said that Genesee County Health workers are stressed to the max. Can we deploy appropriate personnel from other county health agencies to help with inspecting homes for possible other causes? In other words, it won't do any good to invest more in water infrastructure if we're finding window sills with teeth marks. I say this NOT to downplay the role that water lead levels may have played. But can we get Habitat for Humanity, for example, to do a massive volunteer effort to eradicate lead paint in homes … or is that beyond their expertise?
- Gather experts to assess exactly how extensive the problem is and potential causes. And then convey this in a much more accessible ways. If you want blood level data, you have to scroll down on the DHHS web site, find the headline and then read a long press release. Maybe we're conveying this information better on the ground, but if not, we need to communicate conclusive findings in multiple ways– graphics, video, informational photo galleries and maybe even a "test" that residents can take to see if their home is at risk in other ways. I know that sounds awfully MLive-ish, but it can be effective.

From: Baird, Richard (GOV)
Sent: Wednesday, December 30, 2015 6:57 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Kelenske, Chris (MSP) <KelenskeC@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Becker, Timothy (DHHS) <beckert1@michigan.gov>; Creagh, Keith (DNR) <creaghk@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>
Cc: Etue, Kriste (MSP) <EtueK@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>
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Sent: Wednesday, December 30, 2015 9:02 PM
To: Kelenske, Chris (MSP)
Cc: Creagh, Keith (DNR); Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
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Sent: Wednesday, December 30, 2015 11:35 PM
To: Baird, Richard (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Creagh, Keith (DNR); Roberts, John (DTMB)
Cc: Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: RE: Attorney Client Work Product (Draft), Privileged and Confidential
Attachments: FY16 and FY17 Flint supplemental.xls

Attached is a supplemental MDHHS advanced to SBO today (John: Farah sent to Nancy, Harkins, and team). This addresses surveillance, case management, and lead abatement in homes including pipes. Not Responsive

Not Responsive

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	A	B	C	D
1		**Michigan Department of Health and Human Services**		
2		**FY16 and FY17 Supplemental Request**		
3		**December 30, 2015**		
4				
5		**Appropriation**	**Contractual FTEs**	**Amount**
6				
7		**FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016**		
8				
9	1	Cost for epidemiologists	2	$ 115,000
10	2	Cost to abate lead homes in Flint	3.5	$ 1,687,500
11	3	Additional lead investigations	0	$ 100,000
12	4	Increase nurse case management	1	$ 75,000
13	5	Increase community education	2	$ 120,000
14	6	WIC outreach and transportation	1	$ 60,000
15				
16		**Total FY16 Funding Request**	**9.5**	**$ 2,157,500**
17				
18		**FY17 Supplemental Request - Assume full year**		
19	7	Continuation of FY16 Supplemental	8	$ 850,000
20	8	Cost for epidemiologists	2	$ 220,000
21	9	Cost to abate lead homes in Flint	4	$ 2,261,000

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5	**Detailed Description**
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9	Support two epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted. Positions will be supported through contracts with MPHI.
10	Costs reflect contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 3.5 contractual staff - 2.5 field consultants to conduct abatement and one to assist with client application and form processing (total $187,500). Funds for the service include the cost to abate 100 homes @ $15,000 each ($1.5 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.
11	Additional contractual efforts to support lead investigations in 100 additional homes in the City of Flint. Service will be provided by ETC Consulting.
12	Funds support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
13	Contractual FTEs will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.
14	One contractual peer educator FTE at Genessee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.
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19	Continue the funds from the original FY16 supplemental for existing nurse case management of EBL home investigations.
20	Continue the funds from the FY16 request above and support two epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.
21	Continue the funds from the FY16 request above and finance contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 4 contractual staff - 3 field consultants to conduct abatement and one to assist with client application and form processing (total $311,000). Funds for the service include the cost to abate an increase to 130 homes @ $15,000 each ($1.95 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.

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9	Could be work beyond Flint if these positions conduct other lead zip code analysis in other cities.
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	A	B	C	D
22	10	Additional lead investigations		$ 130,000
23	11	Increase nurse case management	1	$ 100,000
24	12	Increase community education	2	$ 180,000
25	13	WIC outreach and transportation	1	$ 90,000
26				
27		**Total FY17 Funding Request**	**18**	**$ 3,831,000**
28				
29		**Total FY16 and FY17 Funding Request**	**27.5**	**$ 5,988,500**
30				
31		Notes:		
32		(1) FY16 supplemental request reflects additional needs above the original supplemental level passed in November 2015.		
33		(2) FY16 levels support work to take place in the City of Flint only.		
34		(3) FY17 amounts are full year funding levels. Should the FY16 supplemental pass prior to the release of the FY17 Executive Recommendation, FY17 levels can be annualized to reflect the revised FY16 base.		

	E
22	Funds support additional lead environmental investigations. This is lead investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include funding for lead abatement. This is done via contract with ETC Consulting. (No FTEs)
23	Continue the funds from the FY16 request above to support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
24	Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.
25	One contractual peer educator FTE at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens (10,000 at $1 = $10,000), bus signs and other promotion materials for WIC at $5,000.
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From: Baird, Richard (GOV)
Sent: Thursday, December 31, 2015 3:37 PM
To: Agen, Jarrod (GOV)
Cc: Baird, Richard (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Creagh, Keith (DNR); Lyon, Nick (DHHS); Redford, James (GOV); Murray, David (GOV); Scott, Allison (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Subject: Draft Documents Subject to Attorney Client Privilege (FIAAC)
Attachments: A Proposal to Create the Flint Water Inter [225139].docx; IA Coord Com Org Chart [233264].pptx; FY16 and FY17 Flint supplemental (233203).xls

Team:

I have received all of the input provided and thank you. The following highlights:

- The only two "enterprise wide" folks we have as Coordinators are Harvey Hollins and Chris Kalenske. I have changed their titles to reflect a coordination/facilitation role and not connote "We are in charge and to hell with everyone else". Therefore I have changed the org chart and created a "dotted line" depiction—and also added the Legislative body as they (or subsets) may have a role here as well.

- But make no mistake, we are going to be accountable whether we should be or not so we are not syndicated the leadership that comes with the coordinating roles. I rewrote certain pieces of the proposal to reflect our inclusion, equality and partnership. But make no mistake, Harvey and Chris are the guys who will make this coordination effort work and if either of them encounter resistance with any of our partners in this effort, I have pledged to have their backs using my persuasive charm and bankruptcy tested mediation skills…

- I did not bring in more departments at this time. That is not to say they would not be value add, but there is a difference between an emergency response and planning effort, and introducing some other ways to get help and support to Flint. We will do that too, but not at this time.

- I have attached Tim Becker's Supplemental Request. Note that even at $6 million over 2 years it does not include funding for the sort of long term monitoring of consequences of lead impact.

- Lastly I want people to know that we are committed to a spirit of inclusion, even with those who have been relentless in their attacks without offering any insights to solutionality. But some of these people have a stronger interest in advancing their own personal agenda and not devoting any real efforts to solving real problems. They will only be welcome if they decide to pursue the latter behavior vs. the former.

Unless someone thinks I really botched something up in the proposal, I would now ask Jarrod to give it final blessing and share with the Governor to get confirmation on the way forward.

Thanks everyone for a less than 24 hour turnaround and…

Go Green

Ok ok…Go Blue too…

HNY,

Rich

Sent from Mail for Windows 10

A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FIACC)

In collaboration with the Flint After-Action Task Force, MSP Captain Chris Kelenske, DHHS Chief Deputy Tim Becker and DHHS Director Nick Lyon, Harvey Hollins and Rich Baird are recommending the immediate creation of the above referenced entity, with its sustained role and responsibility enabled under the Governor's Executive Order.

Statement of Need

Due to a combination of resource constraints, inexperienced personnel, "silo" bureaucratic processes and the need to react to immediate problems, there is a lack of coordination, communication, and connected management amongst the departments and stakeholders who must work together to ensure Flint's return to clean, safe water and to coordinate mid and long term efforts to mitigate and address future health and behavioral consequences from lead ingestion. This group MUST be stood up regardless of whether (or when) the conditions required for a declaration of emergency are met by the City, County, State or Federal authorizers.

This inter agency group must fully engage with those we seek to serve. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem. We need our fellow citizens to be our partners in finding a solution, to feel they and their city and community leaders are not just part of the solution but are leading the solution with partners they can trust. This entity needs to be coordinated by State of Michigan leaders who represent statewide resources and constituencies and the citizens who comprise them. This coordinating body must include:

- The creation of a routine information process between all parties.
- Pursuit of other avenues of funding including federal grants and legislative appropriations.
- While the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act may be mechanisms to fix the issues in Flint, portions of the Emergency Management Act outlining management of events are applicable and should be implemented without delay (e.g. Local emergency operations plans/emergency operations guides as well as emergency operations support plans).

Action Plan and Establishing the FIACCC

It appears that a request for a Governor's declaration may be coming from Genesee County as quickly as January 4, 2016. The state's Emergency Coordinator (Capt. Kelenske) will evaluate the request and provide a recommendation whether to issue a declaration, following established protocol and due diligence. But immediately, we will:

1. Establish an interagency workgroup coordinated by Harvey Hollins and Chris Kelenske (who will be actively supported in their work by Rich Baird), and be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external Subject Matter Experts (SMEs). Civil Rights and MSHDA may be added at a later time. If additional agencies/stakeholders who can assist with accomplishing the action plan are needed, they will be added. Personnel must be goal oriented, transparent with findings and measures of progress, and able to work toward accomplishing the Incident Action Plan created by the state in a timely manner. This is not a discussion or policy group. It is an active problem solving, execution oriented group of professionals of equal stature completely dedicated to the Flint solution and remediation, and enabled by the statewide capabilities of the coordinators. Staff will be needed with competencies in disaster/emergency

planning, operations, logistics and finance as outlined under the National Incident Management System (NIMS). These management components are accountable to the coordinating leadership to ensure tracking of resource requests, and incident action plan items are created, documented and completed. A draft Organization Chart is attached under separate cover and the "dotted lines" depict a non-hierarchical structure where the members commit to working, communicating and sharing collectively vs departmentally.

2. This body should be created by Executive Order and it must complement and not replace the current system under the Emergency Management Act. In fact, it should demonstrate how to best leverage support where existing laws fall short under a man-made emergency.

3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.

4. Establish routine communications protocols at the operational, executive, and legislative levels as determined appropriate.

5. Establish interagency workgroup objectives using the following as a starting point.

<u>Interagency Workgroup Objectives</u>

1. Determine and convey acceptable standards for potable water.
    - Identify needed remediation.
    - Convey the remediation plan objectives to all stakeholders and interested parties.
    - Logistics plan for distribution and serving homebound citizens with water and filtration
    - Implement the plan.
2. Determine health impacts for the impacted population.
    - Identify treatment methods.
    - Nutrition education and support
    - Coping with lead exposure (care, monitoring, neurodevelopmental screening, access to DBP specialists, psychologists/psychiatrists, expanded county services, etc.)
    - Convey the treatment plan objectives to interested parties.
    - Implement the plan.
3. Establish a public information protocol to effectively inform the community of the situation and actions taken.
    - Identify existing Public Information outlets within the city, county, and state.
    - Establish a Joint Information Center
    - Provide for Emergency Alerts and Updates
    - Leverage public and private education schools
    - Determine official information flow and approval of information.
    - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
    - Determine current state of the infrastructure.
    - Develop priorities, costs, and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.)
    - Implement the plan.

<u>Next Steps</u>

1. Input to this plan has been received and incorporated where feasible. Chief of Staff Jarrod Agen gives final draft approval and reviews with Governor Snyder as soon as possible but not later than Saturday, January 2, 2016

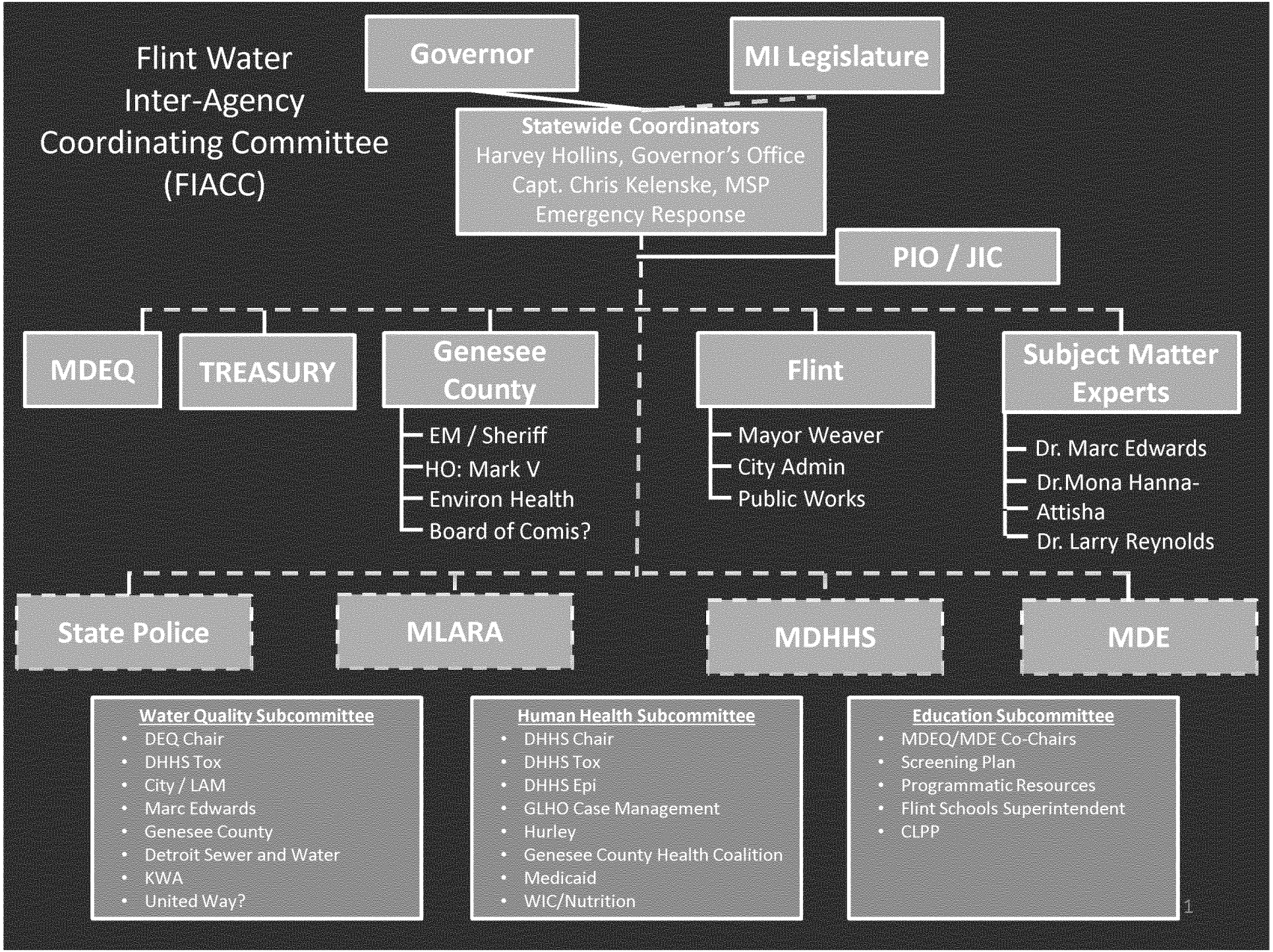
2. Governor Snyder reviews approves/adjusts and decides on the plan and authorizes Harvey Hollins to provide the plan to Mayor Karen Weaver on Saturday or Sunday, January 3, 2016.

3. As a courtesy, I would like to share the plan with the Flint WAATF after it has been provided to Mayor Weaver.

4. Communications should have a strategy on when this plan gets released publically (before, during or after the expected Emergency Declaration by Genesee County. If there is no declaration, we should proactively communicate (and perhaps share the communication with the TF).

5. We are not contemplating activating the State Emergency Operations Center (SEOC) until AFTER Genesee County has demonstrated they did all they conceivably could have done, utilized all available resources to include contracts and mutual aid, and couldn't solve the problem. That is what is required under the Emergency Management Act.

6. MDHHS has put forth a supplemental budget request for FY 16 and 17 for testing, outreach, education, etc. It does not contemplate behavioral or cognitive remediation in the event of lead poisoning.


Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
MI Legislature
Statewide Coordinators
Harvey Hollins, Governor's Office
Capt. Chris Kelenske, MSP Emergency Response
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Dr. Marc Edwards
Dr.Mona Hanna-Attisha
Dr. Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

	A	B	C	D
1		**Michigan Department of Health and Human Services**		
2		**FY16 and FY17 Supplemental Request**		
3		**December 30, 2015**		
4				
5		**Appropriation**	**Contractual FTEs**	**Amount**
6				
7		**FY16 Supplemental Request - Assume funding recommended from February 1 - September 30, 2016**		
8				
9	1	Cost for epidemiologists	2	$ 115,000
10	2	Cost to abate lead homes in Flint	3.5	$ 1,687,500
11	3	Additional lead investigations	0	$ 100,000
12	4	Increase nurse case management	1	$ 75,000
13	5	Increase community education	2	$ 120,000
14	6	WIC outreach and transportation	1	$ 60,000
15				
16		**Total FY16 Funding Request**	**9.5**	**$ 2,157,500**
17				
18		**FY17 Supplemental Request - Assume full year**		
19	7	Continuation of FY16 Supplemental	8	$ 850,000
20	8	Cost for epidemiologists	2	$ 220,000
21	9	Cost to abate lead homes in Flint	4	$ 2,261,000

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5	**Detailed Description**
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9	Support two epidemiologists to analyze blood lead levels based on zip codes in the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted. Positions will be supported through contracts with MPHI.
10	Costs reflect contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 3.5 contractual staff - 2.5 field consultants to conduct abatement and one to assist with client application and form processing (total $187,500). Funds for the service include the cost to abate 100 homes @ $15,000 each ($1.5 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.
11	Additional contractual efforts to support lead investigations in 100 additional homes in the City of Flint. Service will be provided by ETC Consulting.
12	Funds support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, provide nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
13	Contractual FTEs will work with the Genesee County Health Department (GCHD) to build educational efforts in that community to develop a more detailed education plan.
14	One contractual peer educator FTE at Genessee County Health Department to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and overall health of pregnant moms and infants.
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19	Continue the funds from the original FY16 supplemental for existing nurse case management of EBL home investigations.
20	Continue the funds from the FY16 request above and support two epidemiologists to analyze blood lead levels and will address broader areas beyond the City of Flint. Work conducted by the epidemiologists will be new functions not currently conducted.
21	Continue the funds from the FY16 request above and finance contractual and service costs to abate lead from homes in the City of Flint. Contractual funds will support 4 contractual staff - 3 field consultants to conduct abatement and one to assist with client application and form processing (total $311,000). Funds for the service include the cost to abate an increase to 130 homes @ $15,000 each ($1.95 million) which will include internal housing plumbing components where necessary. Current efforts financed in the previous FY16 supplemental did not support lead abatement activities.

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9	Could be work beyond Flint if these positions conduct other lead zip code analysis in other cities.
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	A	B	C	D
22	10	Additional lead investigations		$ 130,000
23	11	Increase nurse case management	1	$ 100,000
24	12	Increase community education	2	$ 180,000
25	13	WIC outreach and transportation	1	$ 90,000
26				
27		**Total FY17 Funding Request**	**18**	**$ 3,831,000**
28				
29		**Total FY16 and FY17 Funding Request**	**27.5**	**$ 5,988,500**
30				
31		Notes:		
32		(1) FY16 supplemental request reflects additional needs above the original supplemental level passed in November 2015.		
33		(2) FY16 levels support work to take place in the City of Flint only.		
34		(3) FY17 amounts are full year funding levels. Should the FY16 supplemental pass prior to the release of the FY17 Executive Recommendation, FY17 levels can be annualized to reflect the revised FY16 base.		

	E
22	Funds support additional lead environmental investigations. This is lead investigations in homes of children with high blood lead levels to determine all of the sources of lead exposure and plan for mitigation of lead. This does not include funding for lead abatement. This is done via contract with ETC Consulting. (No FTEs)
23	Continue the funds from the FY16 request above to support the increased testing and follow up necessary with the new homes being investigated. Nurse case managers provide follow up with families, nutrition counseling, and coordination with Environmental Blood Level (EBL) investigations.
24	Continue the contractual health educators at GCHD to work collaboratively with community agencies on awareness of lead hazards, increase lead testing, and nutrition education.
25	One contractual peer educator FTE at GCHD to help increase WIC enrollment and retention to assist with lead testing, nutrition education, and improve the overall health of pregnant moms and infants. Bus tokens (10,000 at $1 = $10,000), bus signs and other promotion materials for WIC at $5,000.
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From: Agen, Jarrod (GOV)
Sent: Friday, January 01, 2016 9:30 AM
To: Baird, Richard (GOV)
Cc: Kelenske, Chris (MSP); Holland, Meegan (GOV); Creagh, Keith (DNR); Lyon, Nick (DHHS); Redford, James (GOV); Murray, David (GOV); Scott, Allison (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Subject: Re: Draft Documents Subject to Attorney Client Privilege (FIAAC)

Thanks all.
I will share with the Governor today.

On Dec 31, 2015, at 3:37 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Team:

I have received all of the input provided and thank you. The following highlights:

- The only two "enterprise wide" folks we have as Coordinators are Harvey Hollins and Chris Kalenske. I have changed their titles to reflect a coordination/facilitation role and not connote "We are in charge and to hell with everyone else". Therefore I have changed the org chart and created a "dotted line" depiction—and also added the Legislative body as they (or subsets) may have a role here as well.

- But make no mistake, we are going to be accountable whether we should be or not so we are not syndicated the leadership that comes with the coordinating roles. I rewrote certain pieces of the proposal to reflect our inclusion, equality and partnership. But make no mistake, Harvey and Chris are the guys who will make this coordination effort work and if either of them encounter resistance with any of our partners in this effort, I have pledged to have their backs using my persuasive charm and bankruptcy tested mediation skills…

- I did not bring in more departments at this time. That is not to say they would not be value add, but there is a difference between an emergency response and planning effort, and introducing some other ways to get help and support to Flint. We will do that too, but not at this time.

- I have attached Tim Becker's Supplemental Request. Note that even at $6 million over 2 years it does not include funding for the sort of long term monitoring of consequences of lead impact.

- Lastly I want people to know that we are committed to a spirit of inclusion, even with those who have been relentless in their attacks without offering any insights to solutionality. But some of these people have a stronger interest in advancing their own personal agenda and not devoting any real efforts to solving real problems. They will only be welcome if they decide to pursue the latter behavior vs. the former.

Unless someone thinks I really botched something up in the proposal, I would now ask Jarrod to give it final blessing and share with the Governor to get confirmation on the way forward.

Thanks everyone for a less than 24 hour turnaround and…

Go Green

Ok ok…Go Blue too…

HNY,

Rich

Sent from Mail for Windows 10

<A Proposal to Create the Flint Water Inter [225139].docx>
<IA Coord Com Org Chart [233264].pptx>
<FY16 and FY17 Flint supplemental (233203).xls>

From: Redford, James (GOV)
Sent: Wednesday, December 30, 2015 7:14 PM
To: Baird, Richard (GOV)
Subject: Re: Attorney Client Work Product (Draft), Privileged and Confidential

Ok. On it.

Sent from my iPhone

On Dec 30, 2015, at 6:56 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

> Team:
>
> Today Harvey and I met with the Flint Water Task Force. It was a good meeting. People were pleased with the G's statement from the prior day. Captain Kelenske joined us and we had a very good discussion about moving forward with the creation of the Flint Water Crisis Agency Coordinating Committee (FIACC). Tim Becker and Captain Kelenske provided me with a fair amount of input. I also read the City of Flint Incident Action Plan for a State of Emergency which Chris received today (enclosed for those who wish to read it as well). I have distilled all of this into a two page plan that I want your edits and comments on and a one page organizational chart (now presented in the "governor's colors" according to our fine people in Communications). Spoiler alert—I made Captain Kelenske Vice Chair of the whole shebang (with the Colonel's blessing) so Harvey wouldn't get lonely.
>
> Here is my ask of you:
>
> 1) Within 24 (sooner if you can) hours give me your comments and input
> 2) Tomorrow I will turn around a final document for Jarrod to review with the Governor either New Year's Day or Saturday
> 3) Ideally, Governor will approve Harvey sending it to Mayor Weaver Saturday (Sunday latest)
> 4) Mayor needs to know that this is what the Governor wishes to discuss at the meeting January 7 along with financial resources that we still need some estimates on cost from DHHS for
> 5) Meegan and Dave need to noodle how best to get out front with this and change the narrative focus on Monday's Genesee County declaration of emergency
>
> I know we are all working way too hard for what should be a rest and recharge period but I do appreciate everyone's efforts and I know the Boss really does as well.
>
> Regards,
>
> Rich
>
> <A Proposal to Create the Flint Water Inter.docx>
>
> <IA Coord Com Org Chart.jpg>
>
> <IAP Flint Water 2015-12-29.pdf>

From: Redford, James (GOV)
Sent: Wednesday, December 30, 2015 7:43 PM
To: Baird, Richard (GOV)
Cc: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Becker, Timothy (DHHS); Creagh, Keith (DNR); Roberts, John (DTMB); Etue, Kriste (MSP); Lyon, Nick (DHHS)
Subject: Re: Attorney Client Work Product (Draft), Privileged and Confidential

Not Responsive

On Dec 30, 2015, at 6:56 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Team:

Today Harvey and I met with the Flint Water Task Force. It was a good meeting. People were pleased with the G's statement from the prior day. Captain Kelenske joined us and we had a very good discussion about moving forward with the creation of the Flint Water Crisis Agency Coordinating Committee (FIACC). Tim Becker and Captain Kelenske provided me with a fair amount of input. I also read the City of Flint Incident Action Plan for a State of Emergency which Chris received today (enclosed for those who wish to read it as well). I have distilled all of this into a two page plan that I want your edits and comments on and a one page organizational chart (now presented in the "governor's colors" according to our fine people in Communications). Spoiler alert—I made Captain Kelenske Vice Chair of the whole shebang (with the Colonel's blessing) so Harvey wouldn't get lonely.

Here is my ask of you:

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2) Tomorrow I will turn around a final document for Jarrod to review with the Governor either New Year's Day or Saturday
3) Ideally, Governor will approve Harvey sending it to Mayor Weaver Saturday (Sunday latest)

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5) Meegan and Dave need to noodle how best to get out front with this and change the narrative focus on Monday's Genesee County declaration of emergency

I know we are all working way too hard for what should be a rest and recharge period but I do appreciate everyone's efforts and I know the Boss really does as well.

Regards,

Rich

<A Proposal to Create the Flint Water Inter.docx>

<IA Coord Com Org Chart.jpg>

<IAP Flint Water 2015-12-29.pdf>

Subject: RDS/SW- LIVE Radio interview with Renk on WBCK Radio
Location: By Phone

Start: Thu 11/12/2015 10:45 AM
End: Thu 11/12/2015 10:58 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water testing

Not Responsive

Subject:	HH/SW/DM Re: Flint Water Letter
Location:	Comms Conference Room
Start:	Wed 9/23/2015 1:00 PM
End:	Wed 9/23/2015 1:30 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	Clayton, Stacie (GOV)
Required Attendees:	Hollins, Harvey (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Kennedy, Jordan (GOV) (KennedyJ4@michigan.gov)

Subject: RDS – TAPED Interview Jason Cooper, WFNT Radio
Location: By Phone; PPI

Start: Tue 3/10/2015 7:45 AM
End: Tue 3/10/2015 7:55 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV)

RDS to call: PPI

Not Responsive

Possible Topics:

Not Responsive

Flint Water

Not Responsive

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Not Responsive

Not Responsive

From: GovCalendar
Sent: Tuesday, October 06, 2015 4:19 PM
To: GovCalendar; Murray, David (GOV); Agen, Jarrod (GOV); Biehl, Laura (GOV)
Subject: RDS/DMurray- TAPED TV interview with Rick Albin of WOOD-TV

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS/JW/SW- PRINT interview with Detroit Free Press' reporting and editorial teams
Location: 160 W. Fort St. Detroit, MI 48226 - 2nd Floor

Start: Mon 10/19/2015 12:40 PM
End: Mon 10/19/2015 1:20 PM

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Not Responsive

Subject:	RDS/DMurray- TAPED TV interview with Devin Scillian for WDIV'S Flashpoint and TAPED TV news interview with TBD of WDIV-TV
Location:	550 W Lafayette Blvd, Detroit, MI 48226
Start:	Mon 10/19/2015 1:30 PM
End:	Mon 10/19/2015 2:00 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject:	RDS/SW- TAPED TV interview for Let It Rip with Huel Perkins, Charlie Langton and Charlie LeDuff
Location:	16550 West Nine Mile Road, Southfield, MI 48075
Start:	Mon 10/19/2015 2:30 PM
End:	Mon 10/19/2015 3:00 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject:	RDS/DMurray- LIVE TV interview with Stephen Clark and JoAnn Purtan on WXYZ's "The Now"; then TAPED TV interview with Chuck Stokes
Location:	20777 W. Ten Mile Rd., Southfield, Michigan 48075
Start:	Mon 10/19/2015 3:15 PM
End:	Mon 10/19/2015 3:45 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- LIVE radio interview with Rick Albin on WOOD Radio
Location: By Phone

Start: Tue 10/20/2015 7:20 AM
End: Tue 10/20/2015 7:30 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Wurfel, Sara (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- TAPED Radio interview with Beth Fisher or Jackie Paige of WWJ Radio
Location: By Phone

Start: Tue 10/20/2015 6:50 AM
End: Tue 10/20/2015 7:00 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Murray, David (GOV); Wurfel, Sara (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- LIVE Radio interview with Michael Patrick Shiels on Michigan's Big Show
Location: By Phone

Start: Tue 10/20/2015 8:35 AM
End: Tue 10/20/2015 8:45 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Wurfel, Sara (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- LIVE Radio interview with Richard Piet on WBCK Radio
Location: By Phone

Start: Tue 10/20/2015 8:50 AM
End: Tue 10/20/2015 9:00 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Murray, David (GOV); Wurfel, Sara (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- LIVE Radio interview with Stephen Henderson on WDET Radio
Location: By Phone

Start: Tue 10/20/2015 9:05 AM
End: Tue 10/20/2015 9:25 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Wurfel, Sara (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS- LIVE radio interview with Mildred Gaddis on WCHB Radio
Location: By Phone

Start: Tue 10/20/2015 3:30 PM
End: Tue 10/20/2015 3:45 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Murray, David (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject:	RDS/SW- TAPED TV interview with Christy McDonald, Stephen Henderson and Ingrid Jacques on DPTV's MI Week
Location:	DPTV- 1 Clover Ct, Wixom, MI 48393
Start:	Wed 10/21/2015 1:30 PM
End:	Wed 10/21/2015 2:00 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Wurfel, Sara (GOV); Murray, David (GOV); Biehl, Laura (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Subject: RDS/SW- TAPED radio interview with Steve Gruber on WJIM Radio
Location: By Phone

Start: Thu 11/12/2015 10:30 AM
End: Thu 11/12/2015 10:40 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water emergency

Not Responsive

Not Responsive

Subject: RDS/DMurray- TAPED TV Interview with Steve Hood for Detroit Wants to Know (WMYD TV 20)
Location: SEMI

Start: Mon 11/23/2015 1:20 PM
End: Mon 11/23/2015 1:45 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: Biehl, Laura (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Clayton, Stacie (GOV)

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Not Responsive

Contact: Steve Hood mobile PPI

From: Biehl, Laura (GOV)
Sent: Friday, November 20, 2015 11:56 AM
To: Bedan, Morgan (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Monday Media Briefing: Detroit wants to Know

Here's the briefing for Monday. As soon as we get questions from Steve, I'll send to you so we can add.

Not Responsive

Possible Topics:

Not Responsive

- Flint water

Not Responsive

Not Responsive

Questions: (will add once received)

Contact: Steve Hood mobile PPI

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI
BiehlL@Michigan.gov

From: Baird, Richard (GOV)
Sent: Monday, December 07, 2015 4:05 PM
To: Holland, Meegan (GOV); Murray, David (GOV)
Subject: FW: Flint Water Advisory Task Force Recommendation
Attachments: KRS version of Snyder Letter 2 (1).docx

fyi

From: Ken Sikkema [mailto:ksikkema@pscinc.com]
Sent: Monday, December 07, 2015 3:31 PM
To: Snyder, Rick (GOV)
Cc: Chris Kolb; Matt Davis; Lawrence Reynolds; Eric Rothstein; Baird, Richard (GOV)
Subject: Flint Water Advisory Task Force Recommendation

Dear Governor Snyder:

We want to thank you for the recent conference call between members of the Flint Water Advisory Task Force (FWATF), yourself, and members of your administration. Attached is a follow-up letter to that conference call outlining an initial set of recommendations that we believe should be implemented in the very near future to focus the state's efforts to protect the public health in Flint.

We both acknowledge and appreciate your personal interest in this issue and your commitment, not only to assisting the Task Force in our review, but--most importantly--to ensuring that the full measure of state resources are brought forward to protect the public health in Flint and throughout the state.

Respectfully,

Ken Sikkema

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

December 7, 2015

Dear Governor Snyder:

On Wednesday, November 18, 2015, the Flint Water Advisory Task Force met with representatives of the Michigan Department of Environmental Quality (MDEQ) and the Michigan Department of Health and Human Services (MDHHS) to discuss elements of the 10-point Action Plan designed to address various issues related to the ongoing public health protection challenges precipitated by lead in the Flint water supply. These discussions were held at our request as part of our task to make recommendations to prevent a similar occurrence in Flint or elsewhere, and also to monitor ongoing mitigation efforts.

Subsequent to those meetings, on Tuesday, November 24, 2015, members of the Task Force participated in a conference call with yourself, members of the Administration, and representatives of these agencies to discuss the progress to date on the 10-point Action Plan, as well as several other related issues.

We want to acknowledge the steps that have already been taken to implement the action plan, specifically in the areas of outreach efforts to facilitate blood lead testing for children, communication with health care providers in the Flint community about the importance of testing children for lead, and the training of additional public health nurses in the Genesee County Health Department. We do believe, however, that additional steps need to be taken to reach additional children for blood lead testing, assure proper follow-up with children found to have elevated blood lead levels, and to continue water testing. We will continue to assess state and local efforts and make recommendations regarding specific steps that we believe are warranted.

One primary concern we have at this point is that the current efforts appear to be taking place in the absence of a larger project coordination framework that measures results and clearly delineates responsibilities for continuing actions to protect public health. We believe the state is best positioned to facilitate this larger framework, which should address the following:

1. The need for MDHHS and MDEQ—and, possibly, other state agencies--to set **goals** for actions in collaboration with local and federal agencies and organizations.
2. The need for a set of corresponding **timelines** for the goals.
3. The need to establish **responsibility** for meeting the goals in a timely fashion and for **contingency plans** for the state if the goals are not being met.
4. The need for clear, regular **communication** with the Flint community and stakeholder groups regarding action steps and updates.

We also believe it important that a single person or entity—potentially independent of any one particular state agency and mutually agreeable to this Task Force and you, Governor—be established to provide effective coordination of ongoing activities and reporting on the status of mitigation measures. For this, we also believe a readily understood “dashboard” should be developed that reports on the goals, timelines and assignments. This will enable members of the Flint community, public health providers, and state agencies to know about the status of the Flint water crisis mitigation program, as well as promote coordination and accountability. The Task Force is prepared to assist in the development of that dashboard.

We believe it is vitally important that trusted members of the Flint community be engaged in communication on this issue, as well as the distribution of information conveyed by our suggested dashboard reporting. Accordingly, in advance of our final report, we would like to ensure the independent coordinator suggested above engage trusted community groups to begin rebuilding community trust in state actions.

We appreciate your personal interest in this issue, commitment to assisting the Task Force in our review, and—most importantly—commitment to ensuring that the full measure of state resources are brought forward to protect the public health in Flint and throughout the state.

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Flint Water Advisory Task Force:

Dr. Matt Davis

Chris Kolb

Dr. Larry Reynolds

Eric Rothstein

Ken Sikkema

From: Baird, Richard (GOV)
Sent: Tuesday, December 08, 2015 11:00 AM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV); Murray, David (GOV)
Subject: FW: Flint proposal
Attachments: FWATF proposal 12-3-15.docx

Here is what Chris provided and I gave to Col. Etue who is funding the $25K.

From: chris@dewitt-communications.com [mailto:chris@dewitt-communications.com]
Sent: Thursday, December 03, 2015 3:26 PM
To: Baird, Richard (GOV)
Subject: Flint proposal

See attached.

Thanks

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
PPI cell

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Tuesday, December 08, 2015 11:10 AM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: FW: Flint Water Advisory Task Force Recommendation
Attachments: KRS version of Snyder Letter 2 (1).docx

From: Baird, Richard (GOV)
Sent: Monday, December 07, 2015 4:05 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Flint Water Advisory Task Force Recommendation

fyi

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Subject: Flint Water Advisory Task Force Recommendation

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Respectfully yours,

Flint Water Advisory Task Force:

Dr. Matt Davis

Chris Kolb

Dr. Larry Reynolds

Eric Rothstein

Ken Sikkema

From: Paciorek, Josh (GOV)
Sent: Wednesday, December 09, 2015 12:15 PM
To: Murray, David (GOV); Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: Single PDF-- Handout, additional info, Flint water
Attachments: 2015Handout_AdditionalInfo_FlintWater.pdf

Let me know if you need anything else!

Josh

GOVERNOR RICK SNYDER

HIGHLIGHTS FROM 2015

In 2015, we worked hard to continue Michigan's remarkable reinvention, addressing our most difficult challenges with Relentless Positive Action. Together, we have come a long way over the last five years, but there is still more to accomplish.

CREATING JOBS

- Created more than 420,000 private sector jobs since 2011.
- Lowest unemployment rate in 14 years.
- September 2015 marked the first month since August 2000 that Michigan's jobless rate was below the national rate.
- Michigan ranks No. 1 in automotive jobs and No. 5 in overall job creation.
- Launched the Rising Tide initiative, providing economically challenged communities with tools to design and build a successful economic framework.

FIXING OUR ROADS

- Secured a long-term, comprehensive, sustainable solution to improve Michigan roads.
- The single largest investment in Michigan's roads over the last half century, providing an additional $1.2 billion over the next five years to improve road conditions.
- The plan ensures room for smart economic growth while continuing to invest in core priorities like education and our local communities.

BALANCING OUR BUDGET

- Michigan is five for five in getting balanced budgets done months ahead of the deadline.
- Ranked first nationally in Index of State Budget Process Quality, and second for most improved credit rating.
- The Rainy Day Fund will increase to $565 million at the end of FY2016 after being at $2 million in 2010.

HIGHLIGHTS FROM 2015

RIVER OF OPPORTUNITY

- Restructured state government to put people first and help them succeed.
- Created the Michigan Department of Health and Human Services to eliminate silos in state government and better serve our valued customers.
- Expanded Pathways to Potential into nine additional counties in 20 new schools and reduced chronic absenteeism by 37 percent in the 219 Pathways schools.
- Served more than 28,000 families with rental assistance to help reduce homelessness.
- MI First Home mortgage program allowed 1,563 families to attain the dream of homeownership, compared to 1,103 by this time in 2014.

FOCUSING ON SKILLED TRADES

- Created the Department of Talent and Economic Development and the Talent Investment Agency to close the skills gap and prepare talent for the highly skilled, technical jobs of today and tomorrow.
- Invested $85 million for skilled trades to develop a skilled workforce to support career and technical education and early/middle college programs. This allows students to earn a high school diploma, an associate's degree, technical certification, or up to 60 college credits through dual enrollment; skilled trades training and equipment programs, and increased funding for vocational education programs.

A HEALTHIER MICHIGAN

- Celebrated the first year of the Healthy Michigan Plan with more than 600,000 Michiganders enrolled.
- Healthy Kids Dental expanded to include Wayne, Oakland and Kent Counties and now operates in all of Michigan's 83 counties, covering 220,000 kids from birth to age 12.
- Continued carrying out the recommendations of the Mental Health and Wellness Commission.
- Increased support for children and families dealing with autism.
- Tested more than 110,000 newborns for severe disorders.

2015 Accomplishments Highlights

Confirmed: Lowest unemployment rate in **14 years.**

- DTMB Release September 2015: https://www.michigan.gov/documents/dtmb/State_8-15_Unemployment_500182_7.pdf

Confirmed: September 2000 marked the first month since August 2000 that Michigan's jobless rate was below the national average.

- DTMB release from October 2015: https://www.michigan.gov/documents/dtmb/LMI-Oct14_Release_503066_7.pdf

Details: Pathways to Potential: Expanded the program into nine additional counties in 20 new schools.

- Nine counties: Berrien, Clare, Gladwin, Gogebic, Grand Traverse, Jackson, Kalkaska, Manistee, Ontonagon

Details: Served more than 28,000 families with rental assistance to help reduce homelessness in Michigan

- MSHDA served over 28,000 families with rental assistance on the Housing Choice Voucher program while receiving a 'High Performer' rating from HUD. The 'High Performer' rating is on the annual Section 8 Management Assessment Program (SEMAP). The Housing Choice Voucher program also received high marks on a recent HUD audit of its financial reporting with no findings annotated in the report. Other accomplishments:

Details: MI First Home mortgage program allowed 1,563 families to attain the dream of homeownership, compared to 1,103 by this time in 2014

- MSHDA's MI First Home total funding exceeded $139.7 million, up from $88.8 million in 2014
- MI First Home loan program is a mortgage product that is available to first-time homebuyers state-wide and repeat homebuyers in targeted areas

Details: $85 million for skilled trades to develop a skilled workforce.

- $10 million increase for career and technical education and early/middle college programs
- $10 million increase for skilled trades training programs
- $7.2 million increase for the Jobs for Michigan Graduates, MAT2, Re-employment opportunities for Unemployed Workers, expanded MCAN College Advisor Outreach, updated student career planning tool, support for New Americans, and to pilot statewide student dual enrollment awareness campaign.
- $57.5 million for existing related skilled trade programs, including $36.6 million for vocational tech centers.
- Skilled trades efforts
    - 6,700 skilled trade job openings each year through 2022

- The Community College Skilled Trades Equipment program provided $50 million in grants to 18 community colleges for the purchase of state-of-the-art equipment that will allow them to deliver educational programs in high-wage, high- and middle-skill, and high-demand occupations. The 18 community colleges selected to receive grants are providing more than $21.5 million in matching funds.
- Campaign aimed at promoting opportunities in skilled trades to students and help close a growing talent gap. Through a partnership between the Michigan Economic Development Corporation, Michigan's Talent Investment Agency, Mike Rowe, TV host and founder of mikeroweWORKS, and Tom Daldin, host of Under the Radar Michigan, 11 videos will be created to address common misconceptions and perceptions about skilled trades, highlight opportunities and inspire K -12 students in Michigan as they begin to think about careers.
- Governor Snyder's statewide road show intended to connect with students, parents and educators to address perceptions and create more awareness on skilled trade careers. The road show will continue around the state over the next few months.
- Skilled Trades Training Fund trained more than 8,700 Michigan residents, and more than 275 companies took advantage of the program.

Growth: Healthy Kids Dental expansion

- FY 2010:
  - Program served 285,000 children in 61 counties.
- FY 2016:
  - Program serves 895,000 children in 80 counties & 3 partial counties (Oakland, Wayne, Kent)
- Change:
  - +19 FULL counties, 3 PARTIAL
  - +610,000 children
  - +214%

Examples: Continued carrying out the recommendations of the Mental Health and Wellness Commission.

- DHHS supported Mental Health First Aid training for 11,619 school staff, law enforcement, child welfare staff, court staff, and other Michigan residents through Mental Health and Wellness Commission funding. Mental Health First Aid is a course dedicated to providing individuals with the basic tools required to assist others in case of a developing mental illness or mental health crisis situation.
- Progress in 2015 includes:
  - Health Homes: Rolling out demonstrations in Manistee, Washtenaw, and Grand Traverse counties, to provide in-home integrated physical and behavioral healthcare for individuals with serious mental health conditions.
  - Children's Behavioral Action Teams: Referring children across the state to Children's Behavioral Action Teams which work with relatives and

community partners to transition high-risk youth out of institutions and into their communities. The program is currently assisting 14 youth in seven Michigan counties, and has helped discharge seven youth from the Hawthorn Center.
    - Stigma Reduction Campaign: Partnering with advocacy organizations across the state to implement the campaign on traditional and social media.
    - Project UNIFY: Working with 162 schools and the Special Olympics' initiative, encouraging more inclusive school environments for children with developmental disabilities.
    - Project SEARCH: Eleven schools are now placing young adults with developmental disabilities as interns in local businesses for their last academic year. This program is designed to lead to employment opportunities for participants and each school strives for a 60 to 100 percent employment rate.
    - Pathways to Potential: This program, which has expanded to 219 schools in 22 counties, puts success coaches in schools to work with principals, teachers and social workers to remove barriers to children attending school. These success coaches also partner with other organizations to provide easier access to needed assistance.
    - Housing Assistance: Providing 250 housing units in the communities with the most need and is on track to provide a total of 500 units in three years.
    - Smart 911 Rollout: Smart 911, which allows callers to provide dispatchers with more information about their situation, has been deployed in 14 counties and one city.

Details: 110,000 newborns tested for severe disorders

- Newborn Screening tested more than 110,000 newborns, providing early diagnosis for more than 50 rare, severe disorders.
- The Michigan Newborn Screening Program (DHHS) celebrated its 50th anniversary in 2015.

Detroit blight removal/demolition costs update:

Background

- As a first-of-its-kind national pilot, in 2013, MSHDA built Michigan's Hardest Hit Fund demolition program in the best, most efficient way possible at the time
- It was designed as a true federal, state, city partnership
- According to a review by the U.S. Treasury, MSHDA had outlined proper oversight and guidelines in its blight program manual for blight partners:
    - It contained everything from strategic plan submission requirements to partner participation agreements to a spending timeline, funding schedule, invoicing, performance reporting and much more.
- However, it contained no requirements for MSHDA to monitor either bid contracting or change orders among blight partners and Treasury
- MSHDA saw no need to add an extra layer of restriction above and beyond what was federally required

- We wanted local communities to be able to address the unique challenges of their cities
- Our operations manual stated that bidding and contracting were the sole responsibility of our blight partners in each community
- U.S. Treasury approved that approach

Where we are today

- We are in the process of reviewing requested documents from the Detroit Land Bank
- We are mindful that with any pilot there is the possibility that best practice is achieved by learning from experience
- Based on recent news reports and our review of Detroit's program, it has been demonstrated there is a need for greater clarity on how to manage the contracting and change order processes
- This is an opportunity for the state to take a leadership role in filling this gap
- Earlier this fall MSHDA started taking steps to do just that by reviewing blight partner programs in these areas and to strengthen the operations manual by providing additional oversight
- A new section was added to our blight ops manual regarding procurement bid package audits
    - All bid packs will be analyzed by a MSHDA/Hardest Hit Fund team, on a consistent and continual basis. They will:
        - Pull all bid packs
        - Take random sample of contractors that did not have the lowest bid but won the award
        - Take 100 percent sample of contractors that did not have the lowest bid but won the award
        - Review posting process to acquire bids
        - Perform review and analysis on change orders for contractors that received winning ward
- MSHDA is considering other possible policy changes in the new year
- If any of our reviews turn up any issues, we will take appropriate action

Points of pride

- This demolition program has been a great value for Michigan
    - To date, we have provided nearly $106 million in assistance to combat blight in 16 Michigan cities and demolished 7,125 abandoned blighted structures.
    - According to a Michigan State University Land Policy Institute study, declining foreclosure and tax foreclosure rates are being seen in Flint, Hamtramck, Lansing, Pontiac, River Rouge and Saginaw.
    - It also has proven effective in reducing violent crime and raising property values in some communities.
    - Demolition projects are restoring pride in neighborhoods and laying the groundwork for future economic success by making communities safer and better places to live, work, play and invest.

Flint Fast Facts for WFNT interview

From: Comms – Jess Brown
DEQ – Brad Wurfel
DHHS – Jennifer Smith

Date: December 8, 2015

---

1. **How many people have been tested since Oct. 1 Flint Water Action Plan was implemented?**
    - Total of 1,836 tested, 39 elevated results
        - Children 0 – 5: 806 tested
        - Children 6 – 17: 525 tested
        - Adults: 505 tested

2. **What are the most recent recommendations to protect your family from lead exposure?**
    - Protecting your family from lead in the water:
        - Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
        - Use a water filter in your home. MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department.
        - Run only cold water through the filter.
        - If you do not have a water filter, use bottled water for drinking and mixing formula.
        - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
        - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
    - Testing children:
        - Children who live in the city of Flint should be tested for lead exposure. This should be done as soon as possible.
        - The best place to get your child's blood lead test is your doctor's office. Contact your primary care provider.
        - Children can also get a free lead test at the Genesee County Health Department. For help with transportation, call 2-1-1.
    - Safe cleaning:
        - Safe cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.
        - Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
        - Wash hands and toys often with soap and water.
        - You can use unfiltered tap water to wipe down countertops, mop floors, and wash clothes

The DEQ continues implementing the Governor's 10-point action plan to protect kids and families in Flint:

1. SCHOOLS TESTING
    - The Governor's plan commits that DEQ will test water in every Flint school. To date, 8 schools in Flint have undergone a thorough inspection of their plumbing. Crews from the state are completing one to two schools each weekend.
    - The story has been the same in each school inspected: lead exposure has been limited to old drinking fountains and faucets that should have been changed out years ago. When these fixtures are run for a couple minutes, lead presence drops to safe levels. If / when these fixtures are removed, it will address the lead exposure in schools.
    - DEQ has not identified lead in the deeper plumbing of the schools. That's great news. It means fixing the issue will be comparatively inexpensive and quick.

2. COMMUNITY WATER TESTING
    - Since September, more than 500 residents have taken advantage of free home water sampling through the DEQ lab. Results are updated regularly on the DEQ web site, www.michigan.gov/FLINTWATER.
    - Residents are encouraged to continue taking advantage of this free service, but also are encouraged to get kids tested for blood lead levels.

3. LEAD SERVICE LINE REPLACEMENT

- The only way to remove the threat of lead exposure in drinking water is to remove sources like old faucets and lead service lines. The DEQ is working with the city to develop a long-term plan for removing the service lines. This is complicated because the service line is the portion that runs from the city system to the residence. It's the part that is mostly on private property and is generally considered the customer's responsibility.
- DEQ worked with Congressman Kildee to get EPA approval to use Revolving Loan Fund dollars to accomplish lead service line replacement.

OTHER VARIOUS ISSUES:

- Cong. Kildee has renewed calls for loan forgiveness in Flint. The city owes the state approximately $20.8 million for past loans, and they're scheduled to be paid off in 2024. DEQ cannot forgive old loans; we can, however, build loan forgiveness into new loans. Forgiveness is presently capped at 30 percent on new loans.
- City has called on DEQ to pay for fixes to the broader water distribution system on the idea that running river water through the system for 14 months ruined it. That's an unproven statement. The system has been in a serious state of disrepair for many years. We have not addressed this issue in the media. We are focused on the Governor's plan.
- Lawmakers have called for the state to create a fund to provide wraparound services for the (Kildee says 7,000) kids exposed to Flint water situation. Don't know where the 7,000 number came from. DHHS has numbers of kids who actually have elevated blood lead levels. Again, not an issue we've addressed or plan to.

From: Murray, David (GOV)
Sent: Wednesday, December 09, 2015 5:34 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Hollins, Harvey (GOV)
Subject: DRAFT task force response letter
Attachments: DRAFT Task Force response.docx

Good evening team,

Here is a draft response to the task force letter that I think covers the needed ground and designates Harvey for the role suggested by the task force members. Please let me know if we are missing anything, or if there are points you want me to make, realizing that this letter will be distributed to the public.

Thank you for your assistance.

Dave

Flint Water Advisory Task Force Members,

Thank you for your correspondence on Dec. 7, and, most importantly, for your hard work to promote public health and protect our residents as we move forward. Your efforts are both respected and appreciated.

As acknowledged in your letter, we have taken many steps to address the challenges in Flint as they relate to reducing lead exposure. I am pleased to see the progress since October, and recognize there is more work that must be done to ensure that this progress continues.

At the state level, there has been a confluence of efforts between Michigan Departments of Environmental Quality and Health and Human Services to coordinate with the Genesee County Health Department, local schools, and our partners in the non-profit community.

These partners are making progress, and we know we can always strive to improve practices and communication for continual improvement.

You make a solid suggestion about establishing a person who is independent of any one of the involved state agencies or organizations to serve as the point person to coordinate the ongoing work. I am recommending that Harvey Hollins, director of the Office of Urban Initiatives, carry out this effort. Harvey is well-versed in the issue and the challenges faced by our cities and will be effective in this role.

I also support your suggestion of a dashboard to make information about our work and progress more accessible to the Flint community. It's important that people have confidence that we are working to address any problems and will take the necessary actions to improve interaction among city, state and federal agencies.

People in Flint and across our state deserve safe, clean water. I want them to be confident that the water coming out of their tap is safe for their families. And I want them to trust that their government – at all levels – is working effectively to protect them.

I thank you again for lending your time and expertise to this vitally important effort.

Regards,

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Regards,

From: Murray, David (GOV)
Sent: Tuesday, December 15, 2015 12:43 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: Fwd: CBS NATIONAL NEWS - CBS THIS MORNING
Attachments: image001.jpg

Sent from my iPhone

Begin forwarded message:

From: "Lindhorst, Kaci" <LindhorstK@cbsnews.com>
Date: December 15, 2015 at 12:40:53 PM EST
To: "'wurfels@michigan.gov'" <wurfels@michigan.gov>, "'MurrayD1@michigan.gov'" <MurrayD1@michigan.gov>
Cc: "Brooks, Charlie S." <CSB@cbsnews.com>, "Diaz, Adriana" <DiazA@cbsnews.com>
Subject: CBS NATIONAL NEWS - CBS THIS MORNING

Hi Sara and Dave-
Kaci Lindhorst here with CBS This Morning in NY with Charlie Rose, Norah O'Donnell, and Gayle King.
I wanted to reach out to you to see if Governor Snyder will be doing an interviews today surrounding the Flint Michigan water crisis.
If not, please let me know if you can provide us with a statement from his office.
Thank you.
My cell PPI

Kaci Lindhorst | Producer | CBS This Morning | 524 West 57th Street New York NY 10019
o. 212-975-7313 c. PPI lindhorstk@cbsnews.com

From: Baird, Richard (GOV)
Sent: Thursday, December 24, 2015 8:22 AM
To: Holland, Meegan (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Follow up

PPI, PPI

PPI
PPI
Host: PPI – HH to dial in as host

Sent from my Verizon Wireless 4G LTE DROID
On Dec 24, 2015 7:19 AM, "Holland, Meegan (GOV)" <HollandM2@michigan.gov> wrote:

I just sent a briefing on the Auditor General letter (it wasn't an audit, which I may have inadvertently called it).

I will be on the 11 a.m. call. Can one of you share with me the number and access code?

As for "ideas on how to get more resources," can you help me out with this Rich? These resources would be:

- At least $5 million more contributed by the state for blood lead level testing, remediation and follow-up
- Efforts to get accurate information on the breadth of the issue by bringing together state and independent researchers and making DEQ and DHHS records available to researchers
- Exploration of more resources, including possibility of an imminent danger declaration
- A communications team dedicated to the water crisis
- What am I missing?

I will send that Dec. 29 statement to the appropriate parties.

- Meegan

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: PPI

Twitter: @meholland

From: Hollins, Harvey (GOV)
Sent: Monday, December 28, 2015 3:52 PM
To: Baird, Richard (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS); Holland, Meegan (GOV); Agen, Jarrod (GOV)
Cc: Krisztian, George (DEQ); Brownfield, Michael (GOV); Thelen, Mary Beth (DEQ); Khouri, Nick (TREASURY); Etue, Kriste (MSP); Whiston, Brian (MDE)
Subject: RE: Comments on SoS
Attachments: 20151228_SoS Draft DEQ.docx

Dan,
Thanks for putting this draft together. I agree with Rich's edits, and the attached document has my recommendations. Also, I suggest we add the following departments to comment on this document as the issue in Flint now goes beyond water quality: Treasury, MSP and Dept. of Education. I've taken the liberty to solicit comments from the added directors through this reply.

Best,
Harvey

-----Original Message-----
From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 12:36 PM
To: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Krisztian, George (DEQ) <krisztiang@michigan.gov>; Brownfield, Michael (GOV) <BrownfieldM2@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>
Subject: Comments on SoS

Dan:

I added Jarrod and Meegan since we were engaged with Harvey and with Governor Thursday morning last week. I may be advocating a higher degree of "aggression" than others deem proper and I will defer to Jarrod after having had my say.

My key points on the attached (with suggested language and which have been highlighted) are:

1). Apologize. It happened on our watch and it shouldn't have happened, no matter what the law says.

2). Invite those who were the biggest burrs under the saddle to come work with us. In fact, we should be articulating how they have already been invited to our labs to collaborate on the findings and conclusions.

3). Start framing the infrastructure problem. We have huge problems throughout the state with aged piping and plumbing. Ignoring it will be at the peril of future generations. We should put a number out there on what it is going to take to fix it or conclude it is safe for generations to come.

Thanks for taking the lead.

Regards,

Rich

I have put Comments/Questions/Suggestions in [ ]...

Draft –Not for Distribution 12/28/15

TAKING ACTION ON FLINT WATER

[I would start off with an apology..."Among the things our citizens have a right to expect from their government is clean, safe water. In Flint's case, government failed them on many levels. As the Chief Executive of the state, I apologize for these failures and am absolutely committed to making things right. I would ask that all of our leaders at the local, state and federal level, work with me to solve the immediate problems and put in place long term measures to monitor and address the consequences from exposure. I also want to thank Dr. Mona Attisha Hannah and Dr. Marc Edwards for their diligence in making sure I understood the severity of the problem before us.]

• ~~Flint~~ Every municipality in Michigan deserves safe drinking water~~.~~

• ~~The issues around Flint's drinking water represent the challenges of aging~~ infrastructure~~.~~

Comment [HH1]: The issue in Flint is the failure of Government to ensure safe drinking water. The aging infrastructure exacerbated that failure, and serves as the canary in the coal mine re the need for the legislature to address water and sewage infrastructure statewide.

• As Governor, I am committed to addressing the issue.

• Lead exposure is a serious issue.

• I appreciate those who have brought attention to this issue.

• We are committed to safe drinking water and to working in partnership with the city of Flint, Genesee County, and the U.S. EPA.

• We must learn from what happened in Flint.

• In October, I announced a ten point action plan to address lead exposure in Flint.

• Today, I am outlining additional actions to make sure the public health is protected in Flint and elsewhere in the State of Michigan.

• I am asking for changes in order to see that the Michigan Drinking Water Program becomes a national leader in public health protection.

On October 2, 2015 the Flint Water Action Plan was announced. With the help of the Michigan Legislature and the Mott Foundation, we have taken significant action to address the issue. Actions include:

• Switching back to the Great Lakes Water Authority/DWSD water supply (October 16, 2015)

Comment [HH2]: It is important to note that this switch is temporary until KWA is online.

• Provided water filters to residents of Flint. (DHHS to provide update) [Distribution has been a problem--are we addressing it?]

• Testing all Flint schools, preschools and day cares. Summary of results to date.(George to provide)

• Expanded health exposure testing of individual residences. Summary of results to date. (Nick to provide)

• Offer water testing at no cost to Flint residents to assure safe water. Summary of results to date. (George to provide)

• Expedite optimizing corrosion control in the Flint drinking water system. Summary of date completed. (George to summarize)

• Utilize the "Safe Drinking Water Technical Advisory Committee." To ensure the best technology, practices and science are being utilized; national experts have been assembled to provide technical advice. [Will you include Dr. Mona? Larry Reynolds? Mark Edwards?]

• Accelerate water system improvement to address replacement of lead service lines. We are working with the city of Flint and our Congressional delegation on a lead service line replacement plan.

• Working to expedite the completion of the Karegnondi Water Authority. And to provide the expertise to upgrade the water treatment facility in Flint to ensure that the drinking water from KWA is at least the same quality as the water from GLWA/DWSD

• Expand a lead education program.
(DHHS to provide update)

• Dr. Eden Wells was named as the Flint Drinking Water Public Health Advisor to ensure safe drinking water.

[Flint's Head of Mott Children's Hospital, Dr. Larry Reynolds was named to the Flint After Action Task Force].

In addition to the announced Flint Action plan, I am calling for additional actions to be taken.

• Recently appointed Harvey Hollins to serve as my administration's point person to coordinate ongoing activities and partner with the city of Flint. [Harvey will be supported by senior members of my executive team to remove impediments and ensure efficient coordination at all levels.]

• Asking the DEQ to develop a statewide drinking water school testing program.

• Asking for changes in the Michigan Drinking Water Program in order for it to be recognized as a national leader in public health including:
o New administrative leadership.
o Creation of corrosion control expertise.

o Expanded statewide testing.
o Improved testing protocols.

• The creation of a health fund for children affected by lead exposure.

• Calling on the Legislature to work with my administration and stakeholders to develop a Strategic Water Fund to address Michigan's long term safe water and water quality infrastructure needs. [This can't get lost. Need more to educate people that our infrastructure is old, that the average city of 50,000 or more likely requires $$$ in remediation. At some point the anti corrosive treatment is not likely to be sufficient.]

• I will look to implement additional recommendations of the Flint Water Advisory Task Force, and I appreciate their leadership on this issue. [I would say more here—the TF was bi-partisan, independent, and staffed by incredible talent. It has done an incredible job].

• Ensure transparency for the public regarding actions taken in Flint to resolve this crisis

Sent from my iPad

On Dec 28, 2015, at 10:14 AM, Wyant, Dan (DEQ) <WyantD@michigan.gov> wrote:

Please edit, correct, and expand summaries as indicated in the attached document called Taking Action on Flint Water Draft 12-28-15. This document is intended to serve as a basis for the Governor to address the Flint drinking water issue in the State of the State and budget announcement.

I have also attached a pdf of a document called Drinking Water Program Budget Request for your information.

Please send your response back to me and also copy all by Monday, January 4, 2016, Close of Business.

Thank you.

Dan Wyant
Director
517-284-6700
<TAKING ACTION ON FLINT WATER DRAFT 12-28-15.docx>
<Drinking Water Program Budget Request.pdf>

Harvey H 12/28/2015 3:20:00 PM

Harvey H 2/24/2016 1:29:00 AM

VA is online.

Harvey H 12/28/2015 3:25:00 PM

ent facility in Flint to ensure that the drinking water from KWA is at

Harvey H 12/28/2015 3:15:00 PM

n in Flint to resolve this crisis

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 11:53 AM
To: Holland, Meegan (GOV)
Subject: this is what I sent to the Gov

Need to fix the sentence regarding Dan.

DRAFT STATEMENT:
When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

Moving forward we will listen intently and be more responsive to community needs.

I have determined that it's appropriate to accept the resignation of MDEQ Director Dan Wyant, and have made other personnel changes to address problems cited by the task force.

Changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

But I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Hollins, Harvey (GOV)
Sent: Monday, January 04, 2016 6:05 PM
To: Holland, Meegan (GOV)
Cc: Leix, Ron (MSP)
Subject: Re: Statement: Request for emergency declaration

Has this gone out?

Best,
Harvey

On Jan 4, 2016, at 3:27 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:

> Here's our statement:
>
> The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
>
> After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
>
> The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.
>
> But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.
>
> Meegan Holland
> Director of Communications for Gov. Rick Snyder
> Office: 517-335-6397
> Mobile: PPI
> Twitter: @meholland

From: Hollins, Harvey (GOV)
Sent: Monday, January 04, 2016 7:11 PM
To: Holland, Meegan (GOV)
Cc: Leix, Ron (MSP)
Subject: Re: Statement: Request for emergency declaration

???

Best,
Harvey

On Jan 4, 2016, at 6:05 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:

> Has this gone out?
>
> Best,
> Harvey
>
> On Jan 4, 2016, at 3:27 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:
>
> > Here's our statement:
> >
> > The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
> >
> > After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
> >
> > The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.
> >
> > But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.
> >
> > Meegan Holland
> > Director of Communications for Gov. Rick Snyder
> > Office: 517-335-6397
> > Mobile: PPI
> > Twitter: @meholland

From: Leix, Ron (MSP)
Sent: Monday, January 04, 2016 7:31 PM
To: Hollins, Harvey (GOV)
Cc: Holland, Meegan (GOV)
Subject: Re: Statement: Request for emergency declaration

Hi Harvey,

I believe so.

Meegan?

Thanks,

Ron

Sent from my iPhone

On Jan 4, 2016, at 7:10 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:

> ???
>
> Best,
> Harvey
>
> On Jan 4, 2016, at 6:05 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:
>
> > Has this gone out?
> >
> > Best,
> > Harvey
> >
> > On Jan 4, 2016, at 3:27 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:
> >
> > > Here's our statement:
> > >
> > > The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
> > >
> > > After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
> > >
> > > The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them

through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Hollins, Harvey (GOV)
Sent: Monday, January 04, 2016 9:25 PM
To: Holland, Meegan (GOV)
Cc: Leix, Ron (MSP)
Subject: Re: Statement: Request for emergency declaration

Thanks Meegan

Best,
Harvey

On Jan 4, 2016, at 7:57 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:

> We're just saying this if we're contacted by reporters. There's no plan to put it out as a press release.
>
> Sent from my iPhone
>
> On Jan 4, 2016, at 6:05 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:
>
> > Has this gone out?
> >
> > Best,
> > Harvey
> >
> > On Jan 4, 2016, at 3:27 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:
> >
> > > Here's our statement:
> > >
> > > The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
> > >
> > > After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
> > >
> > > The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.
> > >
> > > But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate

efforts, streamline communication and tap all available resources at the state's control.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

9/14/2015

Flint Water 11:15

- Harvey Hollins
- DEQ Briefing
  - HH advises against; not sure what this would accomplish
    - Needs to be closed-door
    - This will be politicized
- Harvey Actions
  - Engaged w/ clean water coalition
  - Helped w/ TTHM issue (filters)
  - Lead issue is now the top issue
    - 60 of 80 samples, lead levels are increased
      - encouraging blood tests
      - Donor giving 1,500 kitchen faucet filters
        - All gone immediately
        - 300 people in line left empty-handed
  - Rates: a judge ruled 35% increase was unwarranted
    - Some revenue used for things other than water
      - This illegal
  - Losing 4m gallons/day due to breaks in the system

9/15/2015

Flint Water 12:00

- Wyant calling Susan Hedman to link EPA/DEQ response
- Handout will be provided in briefing re: state role
- Briefing Friday/Monday
  - State Legislators
  - Kildee
  - Peters/Stabenow
- Directors briefing: Before Friday of this week
  - Dennis/HH/EB
  - Wyant/Lyon/Kaouri

Not Responsive

9/17/2015

Not Responsive

- Flint water
  - NEMW worked w/ DC 10 years ago
    - Working w/ Kildee & VT
  - Putting together a fact sheet?
    - Questions on testing / what is required under Lead & Copper Rule
    - NEMW hearing a lot from DC interests

9/18/2015

Flint water 8:00

- DEQ Update
  - Flint began pulling water out of Flint River 18 months ago
    - Switched off DWSD
  - City complying w/ Safe Drinking Water Act
  - No safe level of lead exposure
    - Most lead is on private property
      - City has shown they have no lead when coming out of the water system
- Treasury Update
  - Call w/ Flint this week
    - Court of Appeals not taking up their stay (rates)
      - This is a $30-33m hit to system
  - Mayor $30m request
    - "Coincides with the rate hit"
  - Kildee voted for forgiveness on EPA DWRF loans
- DHHS
  - Increase in Legionnaire's Disease
    - 79% don't use on Flint water
  - Lead: Compliance readings never exceeded actionable level
  - USDA contacted about WIC/SNAP recipients + lead levels per request from Kildee
- [redacted] issues:
  - Ongoing work w/ Flint to make sure water is safe
    - Safe now, but have lead issues
  - VT Press/PR: not going away
  - Aging infrastructure: statewide issue
    - Revolving funds to address
- Actions
  - Elevate lead education/awareness
  - EPA/DEQ Tech Analysis
    - Flint Tech Advisory team: never met
  - Contact VT researcher: He has never contacted us
  - Federal Ask: use Revolving Fund money

9/18/2015

Not Responsive

9/21/2015

Flint water 9:00

- Kildee
- Ananich
- Tinsa Hyde
- Dayne Walling - Mayor
- Stabenow/Peters Staff

9/22/2015

Not Responsive

9/29/2015

Not Responsive

9/30/20

Flint water 9:30

- Wyant / Pallone / Shuler
- Lyon
- McBride / Brown

Elizabeth Hertel

- Press Conference
  - Friday 10/2 1:30
  - Q not attending. Lq attending?
- what are we asking Kildee to do?
  - Base restrictions on formula
  - SNAP - water not count
  - Drinking water loan $ for service line on private
    - State statute perfection needed

Not Responsive

10/1/2015

Flint Water 1:30

- EPA Region 5
- Mayor Walling
- DEQ
- DHHS

- Announcement
  - Name Dr Eden Wells
  - Provide Water Filters
  - Lead Education Program
  - Test public schools
  - DWSD: Not on the list
  - State of Emergency - ** This is not a health emergency
    - Move on with mitigation
    - Walling - Announcing at 3pm that they may declare a public health emergency ??

10/2/2015

Not Responsive

Flint Water De-Brief 10:30

- Kildee,

Not Responsive

Sen. Anaiech - Flint

DEQ meeting - internal admin only Nov date

even under DWSD - had some but much less detections Lake Huron vs. Flint River

chlorine dissapating time in pipe / temp too (River)
↳ flow amount + quality

tuberculation - cast iron vs. ductile
↳ coating means buildup, lower flow mean not focused on.

Demo from hydrants, concentrate flush goes on would help.

In Sept - 13 (100) detections, confirm upstream & downstream
standard (given system size) - 5% in period w/ contamination
detect is MCL
for TCB of fecal bact.

Can be just local, justus or cooperation to issue boil water. (Collaborative decision)

Calendar NOT rolling ~~month~~ month

violation - Tier 2 notice w/in 30 days.
with clock starting w/ summary.
triggers public notice in November
data samples been clean since then.

Oct. 8, 2013
to April of '05

(mid July - ~~now~~ Sept. is hot time)

temperature driving factor

Trihalomethanes
(treatment by product) going up.
→ standard raised by feds in 2013
(to trigger based on hot spot, not average)

So will have violation in Nov. unless they do something really, really unusual in terms of dropping levels.

Go through operational evaluation now.

Chronic (multi-year exposure is issue
live with it.
Huge cost savings.

Not been in direct contact w/ EM's office

- met w/ City - responsible
solve on own.
- briefing of EM

From: Holland, Meegan (GOV)
Sent: Thursday, December 10, 2015 4:27 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Assuming you saw Bridge's lead stories

Interactive map on places with more lead than Flint

And an overview with the lead:
"Across Michigan, in cities large and small, lead poisoning continues to plague children, limiting them in school and on the playground."

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Tuesday, December 15, 2015 12:44 PM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Subject: RE: CBS NATIONAL NEWS - CBS THIS MORNING

I'll put it on the comms agenda unless we need to make a decision sooner than that. Thanks, Washington Post!

From: Murray, David (GOV)
Sent: Tuesday, December 15, 2015 12:43 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: Fwd: CBS NATIONAL NEWS - CBS THIS MORNING

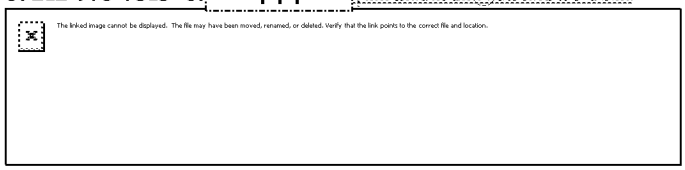
Sent from my iPhone

Begin forwarded message:

From: "Lindhorst, Kaci" <LindhorstK@cbsnews.com>
Date: December 15, 2015 at 12:40:53 PM EST
To: "'wurfels@michigan.gov'" <wurfels@michigan.gov>, "'MurrayD1@michigan.gov'" <MurrayD1@michigan.gov>
Cc: "Brooks, Charlie S." <CSB@cbsnews.com>, "Diaz, Adriana" <DiazA@cbsnews.com>
Subject: CBS NATIONAL NEWS - CBS THIS MORNING

Hi Sara and Dave-
Kaci Lindhorst here with CBS This Morning in NY with Charlie Rose, Norah O'Donnell, and Gayle King.
I wanted to reach out to you to see if Governor Snyder will be doing an interviews today surrounding the Flint Michigan water crisis.
If not, please let me know if you can provide us with a statement from his office.
Thank you.
My cell PPI

Kaci Lindhorst | Producer | CBS This Morning | 524 West 57th Street New York NY 10019
o. 212-975-7313 c. PPI lindhorstk@cbsnews.com



From: Holland, Meegan (GOV)
Sent: Tuesday, December 22, 2015 4:52 PM
To: Baird, Richard (GOV)
Subject: RE: Meeting with Dr. Mona Hanna-Attisha and Flint Water

Thanks for keeping us in the loop, Rich.

It's immensely helpful to Dave and me to know what lies ahead so we can craft our message accordingly.

Also, thanks for that lovely bottle of wine. I hope you and Linda have a wonderful holiday ... and I also hope I don't have to bug you during your time off, but I'm not going to guarantee it!

- Meegan

-----Original Message-----
From: Baird, Richard (GOV)
Sent: Tuesday, December 22, 2015 4:27 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Meeting with Dr. Mona Hanna-Attisha and Flint Water

These are all the areas where long term vigilance needs to be happening.

-----Original Message-----
From: Mona Hanna-Attisha [mailto:MHanna1@hurleymc.com]
Sent: Tuesday, December 15, 2015 7:40 AM
To: Lyon, Nick (DHHS)
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: RE: Meeting with Dr. Mona Hanna-Attisha and Flint Water

attached

-----Original Message-----
From: Lyon, Nick (DHHS) [mailto:LyonN2@michigan.gov]
Sent: Tuesday, December 15, 2015 6:26 AM
To: Mona Hanna-Attisha
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: Re: Meeting with Dr. Mona Hanna-Attisha and Flint Water

Thank you for the presentation and your approach to this. When you can please share a version of the presentation I can pass in to Sue, Eden and the others in my Population Health area.

Nick

> On Dec 14, 2015, at 7:05 PM, Mona Hanna-Attisha <MHanna1@hurleymc.com> wrote:

>
>
> Mr. Baird and all the other guys,
>
> It was a pleasure meeting everyone and a privilege to present to you all. As I said, we have an incredible and unique opportunity to mitigate the impact of this population-wide exposure. If we act now, proactively, we can buffer our kids from the life-altering impacts of lead poisoning.
>
> Flint has many claims to fame (we put the world on wheels, we birthed Mr. Baird!, etc); and now, with your leadership, we can continue to build generations of strong, smart, and healthy children.
>
> If I can be of any further assistance, please don't hesitate to contact me. Email or cell PPI
>
> Thanks again, Mona
>
> Mona Hanna-Attisha MD MPH FAAP
> Program Director Pediatric Residency
> Hurley Children's Hospital at Hurley Medical Center Michigan State
> University College of Human Medicine Department of Pediatrics and
> Human Development Mhanna1@hurleymc.com<mailto:Mhanna1@hurleymc.com>
> _____
> From: Baird, Richard (GOV) [bairdr@michigan.gov]
> Sent: Thursday, December 10, 2015 2:27 PM
> Required: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis;
> Chris Kolb; Ken Sikkema; Chris De Witt; 'Eric Rothstein'; Lyon, Nick
> (DHHS); Grijalva, Nancy (DHHS); Mona Hanna-Attisha
> Subject: Meeting with Dr. Mona Hanna-Attisha and Flint Water
> When: Monday, December 14, 2015 11:00 AM-12:00 PM.
> Where: Governor's Conference Room, 2nd Floor Romney Building, 111 S.
> Capitol Ave., Lansing, MI 48933
>
> Good Morning,
>
> This is to confirm the meeting with Rich Baird on Monday, December 14 at 11:00 a.m. in the Governor's Conference room, second floor Romney Building, 111 S. Capitol Ave. Lansing, MI 48933.
>
> We are located at the George W. Romney Building, 111 S. Capitol
> Avenue, Lansing. The Romney Building is located directly across the
> street (Capitol Avenue) from the Capitol Building. There is some
> metered parking around the building. The closest parking facility is
> one block south at the corner of Capitol Avenue and Allegan Street
> (enter the parking facility from Capitol Avenue).
> https://www.parkme.com/lot/93032/tower-parking-ramp-lansing-mi
>
> You will also want to have a picture I.D. handy for security in the Romney Building. Please let security know who you have a meeting with, they will call me and then send you up to the second floor.
>
> Please let me know if you have any questions.
>
> Thank you!
>
> Virginia Manolakoudis

> Executive Assistant for Richard Baird
> Executive Office of Governor Rick Snyder
> (517) 241-5621
> ManolakoudisV@michigan.gov<mailto:ManolakoudisV@michigan.gov>
>
>
>
>
>
>
>
> <#flintwatercrisis Secondary Prevention Recommendations 121415.pdf>

From: Holland, Meegan (GOV)
Sent: Tuesday, December 22, 2015 4:52 PM
To: Baird, Richard (GOV)
Subject: RE: Meeting with Dr. Mona Hanna-Attisha and Flint Water

Thanks for keeping us in the loop, Rich.

It's immensely helpful to Dave and me to know what lies ahead so we can craft our message accordingly.

Also, thanks for that lovely bottle of wine. I hope you and Linda have a wonderful holiday ... and I also hope I don't have to bug you during your time off, but I'm not going to guarantee it!

- Meegan

-----Original Message-----
From: Baird, Richard (GOV)
Sent: Tuesday, December 22, 2015 4:27 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Meeting with Dr. Mona Hanna-Attisha and Flint Water

These are all the areas where long term vigilance needs to be happening.

-----Original Message-----
From: Mona Hanna-Attisha [mailto:MHanna1@hurleymc.com]
Sent: Tuesday, December 15, 2015 7:40 AM
To: Lyon, Nick (DHHS)
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: RE: Meeting with Dr. Mona Hanna-Attisha and Flint Water

attached

-----Original Message-----
From: Lyon, Nick (DHHS) [mailto:LyonN2@michigan.gov]
Sent: Tuesday, December 15, 2015 6:26 AM
To: Mona Hanna-Attisha
Cc: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis; Chris Kolb; Ken Sikkema; Chris De Witt; Eric Rothstein; Hollins, Harvey (GOV)
Subject: Re: Meeting with Dr. Mona Hanna-Attisha and Flint Water

Thank you for the presentation and your approach to this. When you can please share a version of the presentation I can pass in to Sue, Eden and the others in my Population Health area.

Nick

> On Dec 14, 2015, at 7:05 PM, Mona Hanna-Attisha <MHanna1@hurleymc.com> wrote:

>
>
> Mr. Baird and all the other guys,
>
> It was a pleasure meeting everyone and a privilege to present to you all. As I said, we have an incredible and unique opportunity to mitigate the impact of this population-wide exposure. If we act now, proactively, we can buffer our kids from the life-altering impacts of lead poisoning.
>
> Flint has many claims to fame (we put the world on wheels, we birthed Mr. Baird!, etc); and now, with your leadership, we can continue to build generations of strong, smart, and healthy children.
>
> If I can be of any further assistance, please don't hesitate to contact me. Email or cell PPI
>
> Thanks again, Mona
>
> Mona Hanna-Attisha MD MPH FAAP
> Program Director Pediatric Residency
> Hurley Children's Hospital at Hurley Medical Center Michigan State
> University College of Human Medicine Department of Pediatrics and
> Human Development Mhanna1@hurleymc.com<mailto:Mhanna1@hurleymc.com>
> _____
> From: Baird, Richard (GOV) [bairdr@michigan.gov]
> Sent: Thursday, December 10, 2015 2:27 PM
> Required: Baird, Richard (GOV); Laurence Reynolds; Matthew M. Davis;
> Chris Kolb; Ken Sikkema; Chris De Witt; 'Eric Rothstein'; Lyon, Nick
> (DHHS); Grijalva, Nancy (DHHS); Mona Hanna-Attisha
> Subject: Meeting with Dr. Mona Hanna-Attisha and Flint Water
> When: Monday, December 14, 2015 11:00 AM-12:00 PM.
> Where: Governor's Conference Room, 2nd Floor Romney Building, 111 S.
> Capitol Ave., Lansing, MI 48933
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> Good Morning,
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> Avenue, Lansing. The Romney Building is located directly across the
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> https://www.parkme.com/lot/93032/tower-parking-ramp-lansing-mi
>
> You will also want to have a picture I.D. handy for security in the Romney Building. Please let security know who you have a meeting with, they will call me and then send you up to the second floor.
>
> Please let me know if you have any questions.
>
> Thank you!
>
> Virginia Manolakoudis

> Executive Assistant for Richard Baird
> Executive Office of Governor Rick Snyder
> (517) 241-5621
> ManolakoudisV@michigan.gov<mailto:ManolakoudisV@michigan.gov>
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> <#flintwatercrisis Secondary Prevention Recommendations 121415.pdf>

From: Holland, Meegan (GOV)
Sent: Wednesday, December 23, 2015 11:12 AM
To: Agen, Jarrod (GOV)
Subject: RE: Bills DEC 2015 (Autosaved).xlsb

Thanks. Today, I'm going to write up a plan for next steps in the Flint water crisis. My gut tells me we need to change course. I'd like to initially run it by you, Rich B. and Jim Redford. Make sense?

- Meegan

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 23, 2015 11:10 AM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Fwd: Bills DEC 2015 (Autosaved).xlsb

FYI

Begin forwarded message:

Not Responsive

<Bills DEC 2015 (Autosaved).xlsb>

From: Holland, Meegan (GOV)
Sent: Thursday, December 24, 2015 8:20 AM
To: Baird, Richard (GOV); Agen, Jarrod (GOV)
Subject: Follow up

I just sent a briefing on the Auditor General letter (it wasn't an audit, which I may have inadvertently called it).

I will be on the 11 a.m. call. Can one of you share with me the number and access code?

As for "ideas on how to get more resources," can you help me out with this Rich? These resources would be:

- At least $5 million more contributed by the state for blood lead level testing, remediation and follow-up
- Efforts to get accurate information on the breadth of the issue by bringing together state and independent researchers and making DEQ and DHHS records available to researchers
- Exploration of more resources, including possibility of an imminent danger declaration
- A communications team dedicated to the water crisis
- What am I missing?

I will send that Dec. 29 statement to the appropriate parties.

- Meegan

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 2:40 PM
To: Agen, Jarrod (GOV)
Subject: FW: looking for comment on flint

Here is the Dems' take on the OAG letter. See below.

Not Responsive

- Meegan

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:19 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: looking for comment on flint

Looks like there was more to it.

From: Macaluso, Nora [nmacaluso@bna.com]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi … any reaction to this? Writing today …

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

Direct/Mobile PPI
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE Contact: Angela Wittrock

December 28, 2015 Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."
This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339
C: PPI

Please sign up for our e-news at: Senatedems.com/Ananich

Facebook: jimananich | Twitter: @jimananich

From: Holland, Meegan (GOV)
Sent: Thursday, December 31, 2015 4:11 PM
To: Baird, Richard (GOV)
Subject: Re: Draft Documents Subject to Attorney Client Privilege (FIAAC)

Totally get it, Rich. And damn, you exemplify working in dog years!

- Meegan

Sent from my iPhone

On Dec 31, 2015, at 3:37 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

> Team:
>
> I have received all of the input provided and thank you. The following highlights:
>
> - The only two "enterprise wide" folks we have as Coordinators are Harvey Hollins and Chris Kalenske. I have changed their titles to reflect a coordination/facilitation role and not connote "We are in charge and to hell with everyone else". Therefore I have changed the org chart and created a "dotted line" depiction—and also added the Legislative body as they (or subsets) may have a role here as well.
>
> - But make no mistake, we are going to be accountable whether we should be or not so we are not syndicated the leadership that comes with the coordinating roles. I rewrote certain pieces of the proposal to reflect our inclusion, equality and partnership. But make no mistake, Harvey and Chris are the guys who will make this coordination effort work and if either of them encounter resistance with any of our partners in this effort, I have pledged to have their backs using my persuasive charm and bankruptcy tested mediation skills…
>
> - I did not bring in more departments at this time. That is not to say they would not be value add, but there is a difference between an emergency response and planning effort, and introducing some other ways to get help and support to Flint. We will do that too, but not at this time.
>
> - I have attached Tim Becker's Supplemental Request. Note that even at $6 million over 2 years it does not include funding for the sort of long term monitoring of consequences of lead impact.
>
> - Lastly I want people to know that we are committed to a spirit of inclusion, even with those who have been relentless in their attacks without offering any insights to solutionality. But some of these people have a stronger interest in advancing their own personal agenda and not devoting any real efforts to solving real problems. They will only be welcome if they decide to pursue the latter behavior vs. the former.
>
> Unless someone thinks I really botched something up in the proposal, I would now ask Jarrod to give it final blessing and share with the Governor to get confirmation on the way forward.
>
> Thanks everyone for a less than 24 hour turnaround and…

Go Green

Ok ok…Go Blue too…

HNY,

Rich

Sent from Mail for Windows 10

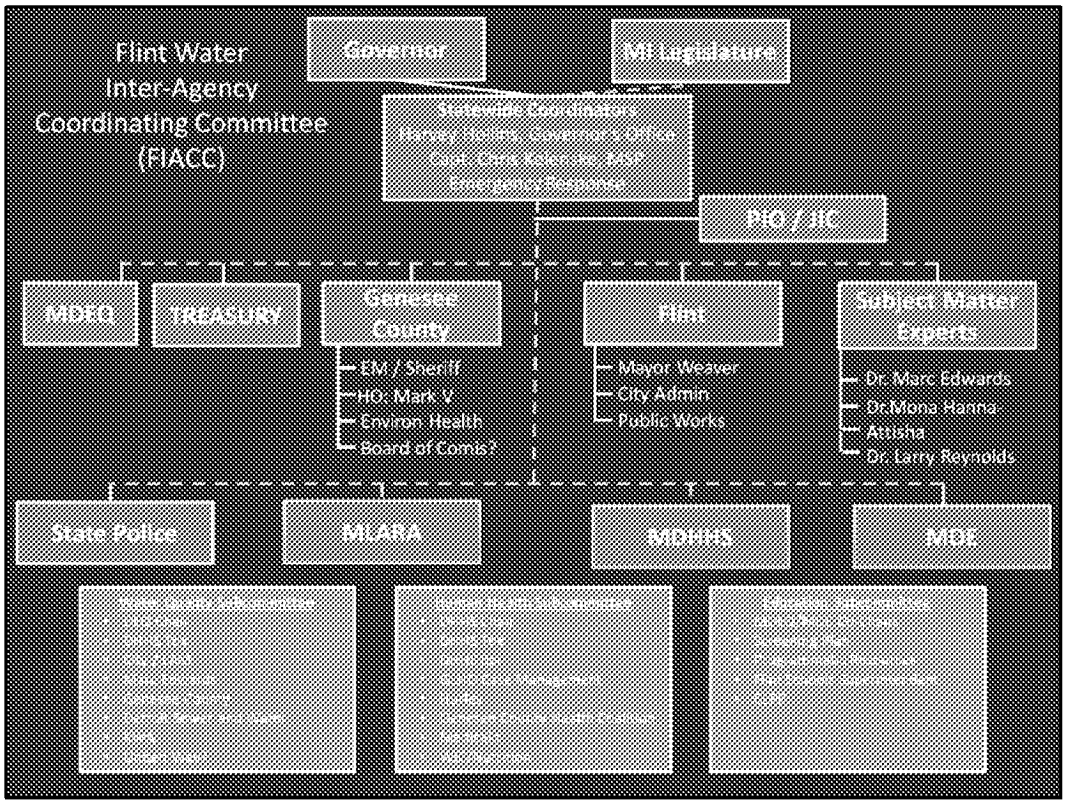
<A Proposal to Create the Flint Water Inter [225139].docx>
<IA Coord Com Org Chart [233264].pptx>
<FY16 and FY17 Flint supplemental (233203).xls>

From: Holland, Meegan (GOV)
Sent: Sunday, January 03, 2016 1:18 PM
To: Baird, Richard (GOV)
Subject: FWIACC docs
Attachments: IA Coord Com Org Chart 233264.pptx; Harvey talking points.docx; FWIACC document v2.docx

I quickly tweaked the FWIACC document and threw together some talking points for Harvey. And I figured out how to make those lines solid in the org chart.

Let me know if I'm on the right track.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland


Flint Water
Inter-Agency
Coordinating Committee
(FIACC)
Governor
MI Legislature
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comm?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Dr. Marc Edwards
DrMona Hanna
Atiana
Dr. Larry Reynolds
State Police
MIOSHA
MDHHS
MDE

TALKING POINTS

Some key state officials firmly believe we can't wait to act on any emergency declaration – that an action plan should be fired up now and it should bring together agencies and stakeholders that need to communicate better about next steps and resources.

We'd call it the Flint Water Inter-Agency Coordinating Committee, and it would figure out ways to restore safe water and mitigate the effects of the lead.

The key officials who envisioned this were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, Rich Baird and myself. We've asked for the Governor's endorsement, and he plans to issue an executive order giving FWIACC authority to work on the issue.

This wouldn't replace any action group that would be formed by an emergency declaration, but would instead complement it. And we hope it would demonstrate how to best leverage support in addressing manmade emergencies like this. Existing laws have some shortfalls in this area.

We brainstormed who should be included in this initial emergency response, with the idea that we can add others later as necessary.

If you take a look at the org chart, there are lots of dotted lines – meaning we don't want a hierarchy. Chris and I would facilitate it, but it would be very inclusive of city, county and state viewpoints, and would even include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

We want it to be very collaborative, with all parties being transparent about their ideas and findings, and sharing them on a regular basis.

To: Mayor Karen Weaver and Flint stakeholders
From: Harvey Hollins
Regarding: Creating the Flint Water Inter-Agency Coordinating Committee (FWIACC)

Statement of Need

To better coordinate resources and personnel and react with more urgency, a group of recommend the immediate creation of FWIACC by executive order of Gov. Rick Snyder, authorizing it to help restore safe water in Flint and coordinate efforts addressing health/behavioral consequences from lead ingestion.

This inter-agency group will fully engage with those we seek to serve. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem.

FWIACC will be facilitated by State of Michigan leaders who represent statewide resources and constituencies – Harvey Hollins from the Governor's office and Capt. Chris Kelenske from Michigan State Police.

An overview of FWIACC's goals:

- Create a routine information process between all parties.
- Pursue other avenues of funding including federal grants and legislative appropriations.
- Implement without delay any appropriate mechanisms that are called for in the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act. These may include local emergency operations plans and guides.

Action Plan

Immediately, FWIACC will:

1. Establish an interagency workgroup described in the attached organizational chart. It will be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external subject matter experts (SMEs). Other entities may be added as needed. Personnel must be goal-oriented, transparent with findings, and able to accomplish Incident Action Plan items created by the state in a timely manner.

2. Assemble staff with competencies in disaster/emergency planning, operations and finance as outlined under the National Incident Management System (NIMS). Staff will be accountable to the FWIACC leadership to track resource requests and document progress on a FWIACC incident action plan created with city, county, state and federal needs in mind.

3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.

4. Establish routine communications protocols at the operational, executive and legislative levels as determined appropriate.

5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.
    - Identify needed remediation.

- Convey the remediation plan objectives to all stakeholders and interested parties.
- Create logistics for distributing water and filters, particularly to homebound citizens.
- Implement the plan.

2. Determine health impacts for the impacted population.
    - Identify treatment methods, nutrition education and protocols for monitoring, neurodevelopmental screening, access to DBP specialists and psychologists/psychiatrists, expanded county services, etc.
    - Convey the treatment plan objectives to interested parties.
    - Implement the plan.
3. Establish a public information protocol to effectively inform the community.
    - Identify existing public information outlets within the city, county and state, including schools, churches and other formal and informal distribution networks.
    - Establish a Joint Information Center.
    - Provide for emergency alerts and updates.
    - Determine the process for approving official information before it's disseminated.
    - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
    - Determine current state of the infrastructure.
    - Develop priorities, costs and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.).
    - Implement the plan.

To: Hollins, Harvey (GOV)[hollinsh@michigan.gov]
From: Holland, Meegan (GOV)
Sent: Sun 1/3/2016 8:23:13 PM
Importance: Normal
Subject: DRAFT DOCUMENTS: For Mayor Weaver
Received: Sun 1/3/2016 8:23:14 PM
FWIACC cover letter.docx
FWIACC document v2.docx
DRAFT Coord Com Org Chart 233264.pptx

Meegan Holland

Director of Communications for Gov. Rick Snyder

Office: 517-335-6397

Mobile: PPI

Twitter: @meholland

January 3, 2016

To: Mayor Karen Weaver

From: Harvey Hollins

Governor Snyder and several members of his team are committed to acting now, with the State, City and County in partnership, and not wait on any federal action or determination on an emergency declaration. If a federal emergency declaration is issued, this will be part of the combined response effort and will help marshal more resources towards resolving the issues facing Flint. Right now though, the Governor wishes to immediately implement an action plan with State and Local entities and bring together agencies and stakeholders.

Our working draft title is the Flint Water Inter-Agency Coordinating Committee (FWIACC), and it would immediately address ways to restore safe water and monitor/mitigate the effects of the lead.

In addition to Governor Snyder, the key officials working on this blueprint were MSP Capt. Chris Kelenske, DHHS Chief Deputy Tim Becker, DHHS Director Nick Lyon, the Governor's Transformation Advisor Rich Baird and myself. The need for engaged central coordination has also been recommended by the Governor's Flint Water After-Action Task Force, of which Dr. Larry Reynolds is a member. Governor Snyder has endorsed this approach and has asked me to provide you with a draft copy in advance of your meeting with him on January 7. If you agree, we will organize this committee immediately, and the Governor will issue an executive order authorizing FWIACC to work on the issue for the long term .

As you know, there is a significant amount of work to be done before the Federal government will approve an emergency declaration under the Stafford Act. FWIACC could begin its work immediately and would be in place to complement, not replace any action group ultimately formed by an emergency declaration. And we believe it would demonstrate how to best leverage essential support addressing manmade emergencies like this, since existing laws are more oriented toward natural disasters.

We brainstormed who should be included in this initial emergency response, with the idea that you and other stakeholders may have recommendations on others who need to be added.

You will note the organization chart and the proposal description is not a normal hierarchical entity. This is a collaborative, stakeholder-driven partnership. Chris and I would facilitate it, but it is a partnership of city, county and state viewpoints, and would include outside experts like Marc Edwards and Dr. Mona Hanna-Attisha.

All parties will be required to be transparent about their ideas and findings, agreeing to accountability measures and reporting on them on a regular basis.

Please let me know your thoughts on this approach and also other agenda items you wish to see on January 7. If you agree, we would also invite the interim DEQ director, Keith Creagh, and the newly appointed spokesperson to meet you then.

DRAFT: A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FWIACC)

Statement of Need

To better coordinate resources and personnel and react with urgency, Harvey Hollins and MSP Capt. Chris Kelenske have been tasked with creating FWIACC, subject to the approval and endorsement by Flint Mayor Karen Weaver.

We are also recommending, by executive order, that Gov. Rick Snyder authorizes this committee to help restore safe water in Flint and coordinate efforts addressing health/behavioral consequences from lead ingestion.

This inter-agency group will fully engage with all stakeholders committed to solving Flint water issues. Equal partners. Equal leadership. Equal responsibility. Equal chance to be part of the solution to an important and not fully understood problem.

FWIACC will be facilitated by Hollins and Kelenske, who represent statewide resources and constituencies, with support from senior members of the Governor's office.

An overview of FWIACC's goals:

- Create a routine information process between all parties.
- Pursue other avenues of funding, including federal grants and legislative appropriations.
- Implement without delay any appropriate mechanisms that are called for in the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act. These may include local emergency operations plans and guides.

Action Plan

Immediately, FWIACC will:

1. Establish an interagency workgroup described in the attached organizational chart. It will be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external subject matter experts (SMEs). Other entities may be added as needed. Personnel must be goal-oriented, transparent with findings, and able to accomplish FWIACC Incident Action Plan items created by the state in a timely manner. The FWIACC plan would be created with city, county, state and federal needs in mind.

2. Assemble staff with competencies in disaster/emergency planning, operations and finance as outlined under the National Incident Management System (NIMS). Staff will be accountable to the FWIACC leadership to track resource requests and document progress on the FWIACC incident action plan.

3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.

4. Establish routine communications protocols at the operational, executive and legislative levels as determined appropriate.

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    - Convey the treatment plan objectives to interested parties.
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    - Identify existing public information outlets within the city, county and state, including schools, churches and other formal and informal distribution networks.
    - Establish a Joint Information Center.
    - Provide for emergency alerts and updates.
    - Determine the process for approving official information before it's disseminated.
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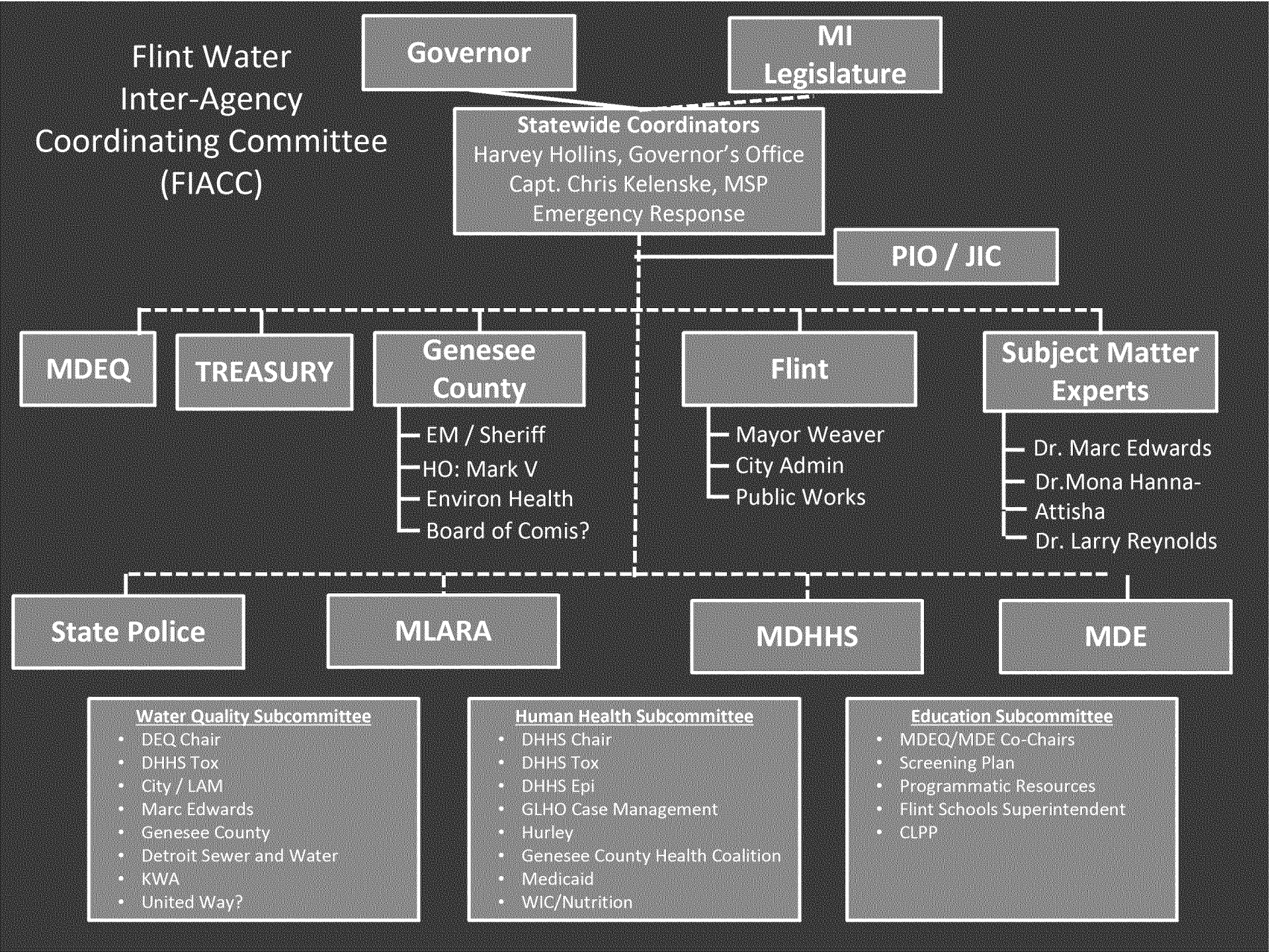
    - Determine current state of the infrastructure.
    - Develop priorities, costs and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.).
    - Implement the plan.


Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
MI Legislature
Statewide Coordinators
Harvey Hollins, Governor's Office
Capt. Chris Kelenske, MSP
Emergency Response
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Dr. Marc Edwards
Dr.Mona Hanna-Attisha
Dr. Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

From: Holland, Meegan (GOV)
Sent: Monday, January 04, 2016 3:27 PM
To: Leix, Ron (MSP); Hollins, Harvey (GOV)
Subject: Statement: Request for emergency declaration

Here's our statement:

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Monday, January 04, 2016 7:58 PM
To: Hollins, Harvey (GOV)
Cc: Leix, Ron (MSP)
Subject: Re: Statement: Request for emergency declaration

We're just saying this if we're contacted by reporters. There's no plan to put it out as a press release.

Sent from my iPhone

On Jan 4, 2016, at 6:05 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:

> Has this gone out?
>
> Best,
> Harvey
>
> On Jan 4, 2016, at 3:27 PM, Holland, Meegan (GOV) <HollandM2@michigan.gov> wrote:
>
> > Here's our statement:
> >
> > The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
> >
> > After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
> >
> > The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.
> >
> > But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.
> >
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> > Director of Communications for Gov. Rick Snyder
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From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 9:43 AM
To: Brownfield, Michael (GOV)
Subject: Re: Flint info for State of the State

I gave him a briefing Christmas eve morning. Will send you some things. Call me if you need to discuss more fully.

Rich

Sent from my Verizon Wireless 4G LTE DROID
On Dec 28, 2015 9:15 AM, "Brownfield, Michael (GOV)" <BrownfieldM2@michigan.gov> wrote:
Hi Rich,

The governor asked for a fleshed-out timeline on Flint situation and response for State of the State. I've asked DHHS and DEQ to share their info with me. Dan Wyant suggested you might be helpful on info from Flint After Action Task Force. Can you assist?

Thanks,

Mike

From: Brownfield, Michael (GOV)
Sent: Monday, December 28, 2015 9:15 AM
To: Baird, Richard (GOV)
Subject: Flint info for State of the State

Hi Rich,

The governor asked for a fleshed-out timeline on Flint situation and response for State of the State. I've asked DHHS and DEQ to share their info with me. Dan Wyant suggested you might be helpful on info from Flint After Action Task Force. Can you assist?

Thanks,

Mike

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 7:31 PM
To: Dickinson, Sarah (GOV)
Subject: TPs
Attachments: Flint water - talking points (draft 151001).docx

Importance: High

Flint Drinking Water Action Plan
Talking Points

Overall Messaging

- Repeated testing shows the water leaving Flint's drinking water system is safe to drink and meets all federal guidelines, including lead.
- After the switch the Flint River, the compliance testing protocol yielded results of 6 ppb in December 2014 and 11 ppb in June 2015. Both results were below the federal action level of 15 ppb.
- However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead plumbing in the home, and that's a concern.
- Out of an abundance of caution, we want to address the needs of all Flint families, and so we have developed an action plan that includes both short- and long-term solutions.
- The state plan focuses on increasing water testing, offering additional precautions for families, and providing long-term solutions to address the city's water infrastructure.

Messaging regarding the action plan

The city and the state are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents.

- **Immediately test Flint public schools to ensure that drinking water is safe. Testing will also be available at no cost to any other school in Flint.**
    - Although Flint's drinking water meets all federal requirements, the state wants to take extra steps to ensure that drinking water is safe for the city's children.
    - The state will fund this testing (about $30,000) at no cost to the city or the local schools, and make the results publicly available.

- **Expand health exposure testing of individual residences.**
    - To double-check its data as well as provide residents with an additional layer of assurance, the DEQ will conduct more tests at Flint properties.
    - The Technical Advisory Committee will determine the scope of this expanded testing.

- **Offer water testing at no cost to Flint residents to assure water is safe.**
    - Although all testing indicates water in the city of Flint meets all federal standards, we understand some residents are concerned.
    - To ensure water in individual homes is safe, free water testing is available to all Flint residents.
    - We encourage anyone with a concern to get their water tested.
    - Contact the city water department to have your water tested.

- **Accelerate optimizing corrosion controls in the Flint drinking water system.**

- A fully optimized corrosion control system can help coat the inside of pipes to minimize the amount of lead that enters the drinking water after it leaves the treatment plant.
- This is a helpful step that can help minimize lead system-wide, and we're pleased the city is moving to take this step.
- If asked: This was not initially required because a fully optimized corrosion control system is not federally required in many water systems. Even today, since Flint is meeting all federal standards, this fully optimized system is not required. However, to address public concerns and ensure every possible precaution is taken, the city is moving forward with installing this corrosion control system.

- **Expand the "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.**
  - The Safe Drinking Water Technical Advisory Committee will meet Oct. 7 to discuss fully optimizing the corrosion control system, expanding testing of at-risk properties, and other topics.
  - Tom Burke, the Deputy Assistant Administrator of EPA's Office of Research and Development as well as the EPA's Science Advisor, will participate on the committee. Prior to joining EPA, he held prominent positions at the Johns Hopkins Bloomberg School of Public Health and founded the Johns Hopkins Risk Sciences and Public Policy Institute. He brings substantial expertise, and we're pleased he is able join the committee.

- **Accelerate water system improvements to address replacement of lead service lines.**
  - Regardless of the drinking water source – whether it be DWSD, the Flint River or Lake Huron – the only permanent fix for lead is to replace all 18,000 of the private lead service lines in the city. These are the lines on private property that lead from the curb to individual homes.
  - This is a problem in communities statewide, and one we want to address with a long-term solution.
  - The state and EPA are working together to find a way for the city to access Drinking Water Revolving Loan funds for the work.

- **Expedite completion of Karegnondi Water Authority.**
  - The move to the Flint River was always a temporary measure until the connection to the KWA and to Lake Huron was completed.
  - This is the ultimate goal of the venture, and the state and locals will work together to speed up completion of the connection.
  -

- **Name Dr. Eden Wells as Flint Drinking Water Public Health Advisor.**
  - Dr. Wells is the Director for the Preventive Medicine Residency at the University of Michigan School of Public Health in Ann Arbor as well as the Chief Medical Executive for MDHHS.

- She brings years of experience in epidemiology and preventative medicine to the issue, and we're thrilled to have her expertise.
- Dr. Wells will coordinate with Hurley Medical Center to share data on blood lead levels in children, as well as address other emerging issues.

- **Provide water filters to residents of Flint.**
  - As an additional precaution, water filters will be available to low-income families.
  - This provides another safeguard to ensure everyone in the city of Flint has access to clean drinking water that they feel confident drinking.

- **Expand a comprehensive lead education initiative.**
  - Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.
  - It takes time for lead to accumulate in drinking water from plumbing, and so flushing your pipes prior to using them can minimize your exposure.
    - To flush your pipes, run the water until it's as cold as it will go. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 5 minutes if you have not used any water in hours.
    - In the city of Flint, running the water for 5 minutes only costs about 3-16 cents, depending on your faucet.
  - Additionally, more lead gets into hot water than cold water. Use only cold water for drinking, cooking and making baby formula.

From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 9:35 PM
To: Agen, Jarrod (GOV); Silfven, Ken (GOV); Biehl, Laura (GOV); Wurfel, Sara (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Flint water talking points and background
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx

Good evening team,

Terry Stanton, working with Brad and Jerry Ambrose, drafted talking points and background on the Flint water issues.

If asked, Terry suggests the governor say:

Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.

Terry said he cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc. He said the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Agen, Jarrod (GOV)
Sent: Monday, January 26, 2015 8:52 AM
To: Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: RE: Hit Time and Focus for Today's 11a b

Not Responsive

Also – we'll need anything state has said on Flint water (if anything).

From: Wurfel, Sara (GOV)
Sent: Monday, January 26, 2015 8:50 AM
To: Agen, Jarrod (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: FW: Hit Time and Focus for Today's 11a b
Importance: High

FYI

From: Malzberg, Marie [mailto:Marie.Malzberg@turner.com]
Sent: Monday, January 26, 2015 8:46 AM
To: Wurfel, Sara (GOV)
Subject: Hit Time and Focus for Today's 11a b
Importance: High

Good Morning Sara!

As of now, we have Governor Snyder hitting with John Berman and Kate Bolduan at about 11:20a ET. The FOX studio is good to go!

Thanks again!
Marie

MARIE MALZBERG
CNN SR. EDITORIAL PRODUCER
212-275-8261
917-751-5728
MARIE.MALZBERG@TURNER.COM
@MARIECNN

From: Paciorek, Josh (GOV)
Sent: Monday, January 26, 2015 9:16 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: RE: Hit Time and Focus for Today's 11a b
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx; PR.150116.SameSex.docx

Hi team,

Here are the talking points regarding Flint water, the doc addressing Flint' Water Concerns, and Not Responsive

Not Responsive

I don't think the Gov has said anything public regarding Flint water, but I doubled check and still didn't find any articles, quotes, etc. There was this article about Mayor Walling's letter to the gov regarding Flint water: http://www.mlive.com/news/flint/index.ssf/2015/01/flint_mayor_asks_governor_for.html

Josh

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This Document is a Non-Responsive Attachment.

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Sent: Sunday, February 01, 2015 3:38 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Stanton, Terry A. (Treasury); Rexford, Tori (GOV); Paciorek, Josh (GOV)
Subject: DRAFT releases for Flint grants, other Distressed Cities grants
Attachments: 2 FDCVT Grant Awards draft.docx; RELEASE Flint water grants.docx

Team,

Here are pair of drafts for Tuesday regarding the Distressed Cities grants. One highlights the work in Flint and would be released in conjunction with the event, the other would come from Treasury shortly afterward.

I've made some changes to Terry's draft – thank you, Terry! – and prepared one for Flint. We can approach Mayor Walling or EM Ambrose to add a quote, if you think that would be appropriate.

Thank you for taking a look.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Gov. Rick Snyder announces grants helping distressed municipalities with water, public safety, appraisal issues

$8 million awarded for projects aimed at improving services, quality of life

LANSING, Mich. -- Gov. Rick Snyder today awarded $8 million to six municipalities to fund various improvement projects, including water system and street lighting enhancements and technology upgrades through the Financially Distressed Cities, Villages, and Townships Grant Program.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

"Municipalities receiving this special funding are some of the areas hardest hit by the Great Recession," Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding this year, with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000

City of Flint	Water system enhancement through improved waste management.	$1,100,000
City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000
City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.

Preference is generally given to applicants from local units in which:

- A financial emergency has been declared in the past five years;
- An approved deficit elimination plan for the general fund is currently in place; or,
- Two or more conditions indicating "probable financial distress" currently exist.

For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.

####

*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in Distressed Cities grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help cities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among six municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for the state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, state Senate Minority Leader Jim Ananich, state Reps. Sheldon Neeley and Phil Phelps.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:07 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Possible final version of Flint water grant release
Attachments: 3 RELEASE Flint water grants TS.docx

Team,

Here's the latest version of the Flint water grant release. This includes edits from Treasury, a quote from Mayor Walling and the deletion of Rep. Phelps, who cannot attend.

The event starts at 3 p.m.

Thank you!

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in 'distressed municipalities' grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help municipalities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among eleven municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives, and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, state Senate Minority Leader Jim Ananich, state Rep. Sheldon Neeley.

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The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Flint Mayor Dayne Walling said he appreciates the state support.

"This announcement comes at the perfect time for Flint as we continue with repairs and upgrades to our water service infrastructure that are in accordance with our new Capital Improvement Plan," Walling said. "This significant funding opportunity from the State will allow us to move forward with two projects that will mean long term cost savings for the City of Flint."

Municipalities are eligible for the grants if they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

From: Biehl, Laura (GOV)
Sent: Tuesday, February 03, 2015 11:45 AM
To: Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: RE: Possible final version of Flint water grant release

Looks good to me.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:07 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Possible final version of Flint water grant release

Team,

Here's the latest version of the Flint water grant release. This includes edits from Treasury, a quote from Mayor Walling and the deletion of Rep. Phelps, who cannot attend.

The event starts at 3 p.m.

Thank you!

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

Subject: FW: HH/DM & others Re: KWA (Flint Water)
Location: Governor's Conference Room

Start: Wed 8/26/2015 12:30 PM
End: Wed 8/26/2015 1:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Clayton, Stacie (GOV)

You should come to this…

-----Original Appointment-----
From: Clayton, Stacie (GOV)
Sent: Thursday, August 6, 2015 1:45 PM
To: Clayton, Stacie (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Dempkowski, Angela (Treasury); Wisniewski, Wendy (GOV)
Subject: HH/DM & others Re: KWA (Flint Water)
When: Wednesday, August 26, 2015 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Governor's Conference Room

Call In:
Access: **PPI**
Harvey will host

Attendees
Dennis Muchmore
Harvey Hollins
Tom Saxton
Wayne Workman -- via phone
Jeff Wright, Genesee Drain Commissioner and Chair of KWA
John O'Brien, Genesee Drain Deputy Commissioner
Dave Jansen, assistant to J. Wright

Agenda Items:
1) Financing of new water system
2) Governing of the new water system
3) Timeline for the build out of KWA

Subject:	RDS - REMARKS (AHeaton) Press Conference Re: Flint Water
Location:	Mott Foundation Conference Center, 503 S. Saginaw, Flint
Start:	Thu 10/8/2015 10:00 AM
End:	Thu 10/8/2015 10:42 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Agen, Jarrod (GOV); Biehl, Laura (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Lyon, Nick (DHHS); Grijalva, Nancy (DHHS)
Optional Attendees:	Heaton, Anna (GOV); Wurfel, Sara (GOV)

Purpose: Press conference regarding Flint water

Program Participants:
Flint Mayor Dayne Walling
DEQ Director Dan Wyant
DHHS Director Nick Lyon
Dr. Eden Wells, DHHS
Ridgeway White, Mott Foundation
Harvey Hollins
Sen. Jim Ananich

Non-Speaking Invitees: (all attendance unconfirmed)
Rep. Tim Greimel
Rep. Phil Phelps
Rep. Sheldon Neely
Flint City Councilmembers
Faith Based Community members
U of M Flint Chancellor Susan Borrego (RDS talked to 10/7/15 at the Higher Ed Summit)
Amy Hovey, Staff of Congressman Dan Kildee
Jamie Gaskin, CEO of Genesee County United Way
Tim Herman, CEO of Flint and Genesee Chamber of Commerce
Brian Larkin, Flint and Genesee Chamber of Commerce (fmr. EO staff)
Kathryn Thomas, VP of Communications for Mott Foundation
Neal Hegarty, VP of Programs for Mott Foundation
Kimberly Roberson, Director of Flint Area Grantmaking Program for Mott Foundation

Agenda:
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant

10:11 AM – 10:15 AM	Director Wyant gives remarks
10:15 AM – 10:16 AM	Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM	Director Nick Lyon brief comments, introduces Dr. Eden Wells
10:17 AM – 10:20 AM	Dr. Eden Wells remarks
10:20 AM – 10:21 AM	Harvey Hollins introduces Senator Jim Ananich
10:21 AM – 10:26 AM	Senator Jim Ananich remarks
10:26 AM – 10:27 AM	Harvey Hollins introduces Ridgway White of Mott Foundation
10:27 AM – 10:32 AM	Ridgway White gives remarks
10:32 AM – 10:42 AM	Q&A from the podium (SW to moderate)
10:42 AM	Event concludes; Governor departs

OPEN Press

High level points:

- Protecting the health and safety of our residents in Flint and across Michigan is always our top priority.
    - All Michigan residents need access to safe, clean water
- That's why today, in consultation with health and water experts in our state agencies, I'm advocating reconnecting the Flint drinking water with the Great Lakes Water Authority.
- I'm recommending to my partners in the Legislature that the state government provide $6 million of the needed $12 million to reconnect with authority.
    - The Flint city government has agreed to cover $2 million of this cost, and the Charles Stewart Mott Foundation is generously offered to donate $4 million.
- What you are seeing here today is a community coming together to work toward solving a problem.
    - I appreciate the assistance of Mayor Walling, and the U.S. Environmental Protection Agency.
    - This is a collaborative approach, and I appreciate that community organizations including the United Way and come forward to assist.

Attachments:

1. Briefing
2. FAQs for Media Q&As
3. Press Release

Briefing.pdf

FAQs for Media QAs.pdf

Press Release.pdf

Staff/Detail
Venue POC: Kathryn Thomas (mob
Security POC: Phil Snyder (mobile)
Advance: CLU
Comms: All

PPI

Briefing: Flint Water System Press Conference
Thursday, Oct. 8, 2015
Mott Foundation/Commerce Center Building Ground Floor
519 S. Saginaw St., Flint
Communications: Sara Wurfel, 517-599-3470, wurfels@michigan.gov
Dave Murray, 517-449-8343, murrayd1@michigan.gov

Purpose:

We're announcing the decision to reconnect Flint to the Detroit Water and Sewerage Department, a collaborative effort between the state government, Flint city government and the Mott Foundation.

High level points:

- Protecting the health and safety of our residents in Flint and across Michigan is always our top priority.
    - All Michigan residents need access to safe, clean water.

- That's why today, in consultation with health and water experts in our state agencies, I'm advocating reconnecting the Flint drinking water with the Great Lakes Water Authority.

- I'm recommending to my partners in the Legislature that the state government provide $6 million of the needed $12 million to reconnect with authority.
    - The Flint city government has agreed to cover $2 million of this cost, and the Charles Stewart Mott Foundation is generously offered to donate $4 million.

- What you are seeing here today is a community coming together to work toward solving a problem.
    - I appreciate the assistance of Mayor Walling, and the U.S. Environmental Protection Agency.
    - This is a collaborative approach, and I appreciate that community organizations including the United Way and come forward to assist.

Agenda:

9:00 AM - 9:45 AM	Gov meets with Mayor Walling in [Room 1]
9:45 AM – 10:00 AM	Pre-Brief in [Room 2]
10:00 AM – 10:01 AM	Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM	Governor gives remarks
10:05 AM – 10:06 AM	Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM	Mayor Walling gives remarks
10:10 AM – 10:11 AM	Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM	Director Wyant gives remarks
10:15 AM – 10:16 AM	Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM	Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM	Dr. Eden Wells remarks
10:20 AM – 10:21 AM	Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM	Ridgway White gives remarks
10:25 AM – 10:35 AM	Q&A from the podium
10:35 AM	Event concludes; Governor departs

Attendees: Roughly 20 in audience

Susan	Borrego	Chancellor, U of M Flint
Oscar	Overton	Pastor
Alfred	Harris	Pastor

Latrelle	Holmes	Pastor
Jim	Ananich	Michigan Senate
Sheldon	Neely	Michigan House
Phil	Phelps	Michigan House
Jeff	Wright	Drain Commissioner, Genesee County
Amy	Hovey	Dan Kildee office
Jamie	Gaskin	Dan Kildee office
Tim	Herman	Flint Chamber of Commerce
Brian	Larkin	Flint Chamber of Commerce
Eric	Mays	Flint City Council
Jacqueline	Poplar	Flint City Council
Kerry	Nelson	Flint City Council
Joshua	Freeman	Flint City Council
Wantwaz	Davis	Flint City Council
Herbert	Winfrey	Flint City Council
Monica	Galloway	Flint City Council
Vicki	VanBuren	Flint City Council
Scott	Kincaid	Flint City Council

Speaker comments:

RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

Talking points:

- Protecting the health and safety of our residents in Flint and across Michigan is always our top priority.
    - All Michigan residents need access to safe, clean water

- That's why today, in consultation with health and water experts in our state agencies, I'm advocating reconnecting the Flint drinking water with the Great Lakes Water Authority.

- I'm recommending to my partners in the Legislature that the state government provide $6 million of the needed $12 million to reconnect with authority.
    - The Flint city government has agreed to cover $2 million of this cost, and the Charles Stewart Mott Foundation is generously offered to donate $4 million.
    - The Michigan Department of Health and Human Services and the Department of Environmental Quality today also is committing an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

- What you are seeing here today is a community coming together to work toward solving a problem.
    - I appreciate the assistance of Mayor Walling, and the U.S. Environmental Protection Agency.
    - This is a collaborative approach, and I appreciate that community organizations including the United Way and come forward to assist.

- Today's announcement in an important step as we move forward together.
    - But it is not our first step, nor will it be our last.

        - This announcement builds on work we've already set in place.
            - That includes $4.2 million in state grants and loan restructuring to help identify and fix infrastructure problems.
            - State agencies have been working closely with Flint leaders and the community for more than a year.

- There will be more to do.
    - Flint has an aging water infrastructure system with challenges that we – together – will continue to address.

- We will continue to test Flint schools for lead levels in drinking water.
    - Schools across the state might also have questions.
    - The Department of Environmental Quality will work with districts across the state to provide testing.
        - Districts can send water samples and paperwork and the nominal charge. (It costs $26 per sample).

- The steps outlined in the comprehensive action plan are still in effect.

FAQs for Media Q&As

Switch to Great Lakes Water Authority

What finally pushed the state to this decision?

This was the City's request, and the Governor supports it, based on several key factors:
In the near term, DWSD water will be easier to manage. It comes from a more stable source than the river, it is fully optimized for corrosion control, and it is clear that residents of Flint have more confidence in this water source.

Will this solve Flint's water crisis?

In combination with the other short term, intermediate term and long-term steps outlined last week, this move represents a big step forward. Flint still has serious system maintenance challenges it must address.

If you're saying residents will still have lead because of their plumbing, does that mean every other city in this state has a lead problem?

Many areas of the state have lead in their infrastructure mix.

Where's the state getting the money to fund this?

We have submitted a formal request to lawmakers via the appropriations process.

Where's the city getting the money to fund this?

The city is contributing all it can, and is getting assistance for its match from the Mott Foundation.

How long will the switch take?

The switch will be completed by the City and Great lakes Water Authority, but our understanding is that it can be accomplished in the very near term once the arrangements are complete.

How long will it take before Detroit's corrosion controls provide protection for Flint?

It will take some time for the corrosion control additives to build on pipe walls throughout the system. Estimates vary. The state can assure we will commence monitoring of the system early 2016 and report results as we get them to keep the community updated.

Why do residents still need to use filters and bottled water?

The filters and bottled water are responsible precautions for any resident concerned about lead exposure.

Do the filters actually work? We've been hearing they don't protect for lead.

Yes, the filters work. They are all certified for lead removal by the National Sanitation Foundation.

The filters are only good for 100 gallons. What happens when they are used up?

They will need to be replaced. And residents can get a new filter.

What about restaurants?

What's going to be done about lead service lines?

Long term, this is the only permanent solution to lead exposure. The state has committed to helping the city accomplish this goal long term.

Do you wish you'd made this switch sooner?
We support the City's decision. We can't look backward. We feel the state has responded quickly and effectively as information has surfaced, been investigated and verified. While the City of Flint is, right now, in compliance with the federal Lead and
Copper Rule, we recognize there is a disparity between surveillance testing and other testing happening in the community that we need to better understand and we are working on developing our knowledge.

Schools testing

What do these results say?
The results say we need to further investigate Flint schools and help the schools find clearer causes for some the results we got.

Any theories about what's going on?
It is possible there are specific points in the plumbing that have lead components which need to be replaced, but we can't say anything definitively until we perform an investigation at each school.

Do the schools have lead service lines? If not, why are they getting such high results?
The schools we tested initially do not have lead service lines. There are a few possible reasons why lead is being detected at specific points in the buildings and not others. When we know things definitively, we will make the information public.

How long do the schools have to stay on bottled water? Just until the switch to Detroit, or longer term?
We are encouraging the schools to continue their current protective measures as a precaution until we can get into the buildings and get more answers.

Why did you only test 13 schools?
That was what the Flint Public Schools requested.

What happens to other schools?
We will test all the schools in Flint if they request it.

What about the schools that can't afford to update their entire plumbing systems?
This is why we are having plumbing assessments completed. There is no way to know yet what each building will require.

How confident are you in your testing? You've got results all over the map.
We are confident that our testing meets the requirements for the federal Lead and Copper Rule, which is surveillance monitoring. The bigger question is whether surveillance monitoring meets the public health protection standards that Lead Exposure Testing methods do. The EPA is working on that question now, and we are engaged in that dialogue.

What do you mean by "health exposure testing"? What are you doing next?

The 90th percentile of your results is still below 15 ppb. Does that make you more or less confident in your testing and in your protocols?

It makes us confident that the testing protocol delivers consistent results. But again, it does raise questions about whether this testing method shows what people think it does or what they really want to know, which is actual lead exposure from lead plumbing in a home.

Any idea how long kids have been exposed to lead? Was it before the move to the Flint River?
That is possible. We don't know.

How does the state bring this new information into the broader picture of kids' lead exposure across the state?

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

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Subject: DM/EC/JA/RB/JW/JR/HH/SW/DM/DW/NL/GL/DP or DA or ML re Flint next steps
Location: Governor's Conference Room - 2nd Floor Romney (call in number below)

Start: Wed 10/14/2015 11:30 AM
End: Wed 10/14/2015 12:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Agen, Jarrod (GOV)
Required Attendees: Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Walsh, John (GOV); Redford, James (GOV); Hollins, Harvey (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS); Lasher, Geralyn (DHHS); Posthumus, Dick (GOV); Ackerman, Darin (GOV); Lange, Michelle (GOV); Rospond, Laurie (GOV); Thomet, Ruth (GOV); Thelen, Mary Beth (DEQ); Grijalva, Nancy (DHHS); Hall, Jean (GOV); VanSickle, Michele (GOV); Clayton, Stacie (GOV)
Optional Attendees: Wells, Eden (DHHS); Adler, Ari (GOV)

MDHHS Action Plan Flint EBL.DO...

Conference Number - PPI
Access Code – PPI
Host Code - PPI (Jarrod to host)

Michigan Department of Community Health (MDHHS) Flint Water Action Plan

Action	Local Lead	MDHHS Lead	Tasks
Filter/Water Distribution	Tamara Brickley (Genesee County Health Department-GCHD)	Sheryl Thompson, MDHHS	- Coordination of distribution (GCHD) - Identify at-risk sub-groups (GCHD) - Tracking filters- uniform registry held by GCHD - Ordering filter replacements (MDHHS)
Blood Testing	Tony LaRocco (GCHD) Possible partners: - Hurley - Great Flint Health Coalition - MIHP - LHD - Schools	Dr. Eden Wells/ Nancy Peeler (CLPPP)	- Test all ○ Students 0-16 ○ Priorities: ▪ 3 schools ▪ 2 zip codes ▪ ages 0-15 - Convene meeting with GCHD and all potential partners (MDHHS) ○ Partner with schools- information about testing sites options distributed through school districts to parents ○ Partner with Great Flint Health Coalition-network to develop testing sites and information about testing to healthcare providers ○ Partner with Hurley/McClaren/Genesys ○ Partner with MIHP/Home Visiting Program - Confirm that the state lab has capacity to handle increase in tests- CONFRIMED
Case Management Follow Up	Tony LaRocco (GCHD)	Eden Wells/ Nancy Peeler (CLPPP)	- Identification of all current positives- confirmatory testing for > 5 mcg/dl (as of April 2014) - Maintain registry of all tests performed (-/+) - Follow-up all cases >5 mcg/dl with the CLPP Case Management protocol
Elevated Blood Level Investigations(all > 5 mcg/dl)	Dawn Hallwood (GCHD)	Linda Dykema	- Secure financial resources necessary to support environmental health response - Follow-up CLPPP to see if immediate funds available - Recommendation to contract with Lead Investigation company thru SEMHA-

			licensed investigators
Communications	Hilda McShane (GCHD)	Geralyn Lasher	- Daily MDHHS and GCHD phone calls (3PM) - Provide provider education- links sent for Governor's site to GCHD 10/12 - Provide public education - Provide risk education - Provide links with lead prevention information to Flint

Subject: RDS/DM/JA/EC/DW/NL/HH/MAnderson - Flint After Action Meeting
Location: Governor's Office, Romney

Start: Wed 10/21/2015 9:00 AM
End: Wed 10/21/2015 10:00 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: GovCalendar
Required Attendees: VanSickle, Michele (GOV); Baird, Richard (GOV); Wisniewski, Wendy (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Lyon, Nick (DHHS); Grijalva, Nancy (DHHS); Clayton, Stacie (GOV); Hollins, Harvey (GOV); Anderson, Madhu (DEQ)

Ken Sikkema, Chris Kolb, Eric Rothstein, Dr. Matt Davis, Dr. Lawrence Reynolds (by phone)

PPI

PPI

Host: **PPI**

Agenda:

1) Introductions
2) Mission of Task Force
3) Background Info
4) Discussion of Timeline
5) Q & A from Task Force Members
6) Communications Strategy/Review Press Release

Attachments:

1. JA Memo
2. Resumes
3. Press Release

Flint After Action Meeting.pdf...
Flint After Action Kolb, Davis...
Flint After Action Press Relea...

*****Staff*****

Chris Kolb chris@environmentalcouncil.org
Eric Rothstein erothste@grg-ltd.com
Ken Sikkema ksikkema@pscinc.com
Matt Davis mattdav@med.umich.edu

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces formation of Flint Water After Action Report Commission

Experts will provide ongoing monitoring of city water system

LANSING, Mich. – Gov. Rick Snyder today announced a new task force to review the state's actions regarding water usage and testing in Flint. The commission will conduct a thorough review and lay out recommendations on future guidelines for water testing. It will also monitor the transition of Flint's city water system back to the Great Lakes Water Authority, and its eventual transition to the Karegnondi Water Authority pipeline.

The commission will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, and Eric Rothstein, of the Galardi Rothstein Group.

"As stated previously, transitioning back to the Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on technical issues will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the citizens of Flint."

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate Majority Leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served eight years on the Ann Arbor City Council. He has been president of the MEC for eight years.

Matthew Davis, M.D., M.A.P.P., is Professor of Pediatrics and Internal Medicine at the University of Michigan Health System and Professor of Public Policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. He is the founding Director of the C.S. Mott Children's Hospital National Poll on Children's Health and the National Voices Project. Dr. Davis also previously served as the Chief Medical Executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal advisor for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

As Gov. Snyder previously stated, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality is continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

This Document is a Non-Responsive Attachment.

To: Governor Rick Snyder
From: JA
Re: Flint After Action Meeting
Date: October 20, 2015

Governor,

Attached is a draft press release to be reviewed with the after action team tomorrow morning.

In addition, Rich & Harvey are vetting & reaching out to potential Flint resident to join the task force:

1) Dr. Lawrence Reynolds, MD of Mott Children's Hospital, long standing and respected member of the Flint community, speaks his mind and very professional.

Rich will invite him to the meeting tomorrow by phone or in person.

Attached are resumes for Kolb, Dr. Davis, and Eric Rothstein.

Draft Agenda:

1) Introductions
2) Mission of Task Force
3) Background Info
4) Discussion of Timeline
5) Q & A from Task Force Members
6) Communications Strategy/Review Press Release

Suggested Goals for Task Force:

1) Thorough review of all steps taken in Flint regarding switch to Flint River and back GLWA.
    a. Create Timeline of actions
    b. Establish why each action was taken
2) Review of role of Feds, EM, State, City Council, and Mayor in process.
    a. Establish best practices for Feds, State, Local, and EM to work together in future situations
    b. Indicate where coordination could have been and should be improved
3) Review of DEQ & DHHS actions & protocols
    a. Did DEQ & DHHS follow the proper procedures?
    b. Do the procedures need to change?
4) Provide guidance for switch back to GWLA
    a. Ensure proper corrosion controls & testing is in place
    b. Highlight steps for eventual switch to Karegnondi
5) Testing Beyond Flint
    a. What practices need to change in communities outside of Flint?
    b. What change in law is recommended to ensure all Michiganders are drinking clean water?

Suggested Timeline:

The task force members have indicated that 2 months is the earliest possible time to properly conduct a full after action report. In reality, they suggest 3 months is more feasible. Given the holidays, a 2 month timeline puts us roughly right around Christmas. I would suggest we set a 3 month goal.

Oct 21: After Action Team Announced
Jan 8: Preliminary After Action Report Submitted for Internal Review
Jan 22: Final After Action Report Submitted
Week of January 25: Report Released

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

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The commission will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, and Eric Rothstein, of the Galardi Rothstein Group.

"As stated previously, transitioning back to the Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on technical issues will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the citizens of Flint."

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To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality is continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

Subject:	T/C Agen/McBride re Flint Water
Location:	Jarrod calling PPI
Start:	Wed 10/21/2015 2:30 PM
End:	Wed 10/21/2015 3:00 PM
Recurrence:	(none)
Meeting Status:	Meeting organizer
Organizer:	Agen, Jarrod (GOV)
Required Attendees:	Mcbride, Bill (GOV)

Subject:	Agen/Quebbeman/Weber re Flint task force
Location:	JA
Start:	Fri 11/13/2015 8:30 AM
End:	Fri 11/13/2015 9:00 AM
Recurrence:	(none)
Meeting Status:	Meeting organizer
Organizer:	Agen, Jarrod (GOV)
Required Attendees:	Weber, Travis (GOV); Thomet, Ruth (GOV); Quebbeman, Marsha (GOV)

From: Brader, Valerie (GOV)
Sent: Tuesday, October 14, 2014 3:30 PM
To: Muchmore, Dennis (GOV); Gadola, Michael (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: Flint water

As you know there have been problems with the Flint water quality since they left the DWSD system, which was a decision by the emergency manager there. Specifically, there has been a boil water order due to bacterial contamination. What is not yet broadly known is that attempts to fix that have led to some levels of chlorine-related chemicals that can cause long-term damage if not remedied (though we believe they will remedy them before any damage would occur in the population). Now apparently the reduced quality is causing GM to leave due to rusted parts.

I am fairly sure that GM's departure now means the economic rationale for Flint leaving DWSD in the interim while the new intake is constructed has just been eliminated. Moreover, our DEQ has been working with Flint's team to try to address the technical problem, but doing a blend of DWSD water and Flint water, or going back altogether for a year or two while the new lake intake is constructed, have not really been solutions on the table.

Now we are getting comments about being lab rats in the media, which are going to be exacerbated when it comes out that after the boil water order, there were chemicals in the water that exceeded health-based water quality standards. I think we should ask the EM to consider coming back to the Detroit system in full or in part as an interim solution to both the quality, and now the financial, problems that the current solution is causing. That additional revenue would also help DWSD, obviously, and the infrastructure is already in place, so this could be implemented quickly. I am not sure who is the best person to initiate that conversation with the EM, but I see this as an urgent matter to fix.

--Valerie

P.S. Note:I have not copied DEQ on this message for FOIA reasons. I have sent them the below message from the Senator's office and had conversations with them re making sure to brief the EM directly on the water quality issues.

From: Bryanna McGarry [BMcGarry@senate.michigan.gov]
Sent: Tuesday, October 14, 2014 12:45 PM
To: Brader, Valerie (GOV)
Cc: Tom Lenard (tomlenard@jimananich.com); Sean Walser; jananich@att.net
Subject: GM's decision to stop using Flint River water will cost Flint $400,000 per year

Hi Valerie,

Hope you're doing well. Senator Ananich asked me to forward you this article about GM's decision to stop using Flint River water: http://www.mlive.com/news/flint/index.ssf/2014/10/gms_decision_to_stop_using_fli.html. He mentioned he'd had a conversation with you about Flint's water issues and just wanted to ensure you saw the latest.

Thanks! Have a wonderful afternoon. :)

Best,

Bryanna

--
Bryanna McGarry, MSW
Legislative Director
State Senator Jim Ananich
District 27

517-373-5133

From: Gadola, Michael (GOV)
Sent: Tuesday, October 14, 2014 3:42 PM
To: Brader, Valerie (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: RE: Flint water

Good gravy. First, just to clarify, when Valerie says GM is leaving, she means leaving the Flint water system, not abandoning the City altogether.

Second, to anyone who grew up in Flint as I did, the notion that I would be getting my drinking water from the Flint River is downright scary. Too bad the EM didn't ask me what I thought, though I'm sure he heard it from plenty of others. My Mom is a City resident. Nice to know she's drinking water with elevated chlorine levels and fecal coliform.

I agree with Valerie. They should try to get back on the Detroit system as a stopgap ASAP before this thing gets too far out of control.

From: Brader, Valerie (GOV)
Sent: Tuesday, October 14, 2014 3:30 PM
To: Muchmore, Dennis (GOV); Gadola, Michael (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: Flint water

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I am fairly sure that GM's departure now means the economic rationale for Flint leaving DWSD in the interim while the new intake is constructed has just been eliminated. Moreover, our DEQ has been working with Flint's team to try to address the technical problem, but doing a blend of DWSD water and Flint water, or going back altogether for a year or two while the new lake intake is constructed, have not really been solutions on the table.

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Thanks! Have a wonderful afternoon. :)

Best,

Bryanna

--
Bryanna McGarry, MSW
Legislative Director
State Senator Jim Ananich
District 27
517-373-5133

From: Wurfel, Sara (GOV)
Sent: Monday, January 26, 2015 8:59 AM
To: Agen, Jarrod (GOV)
Subject: FW: Flint water talking points and background
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx

From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 9:35 PM
To: Agen, Jarrod (GOV); Silfven, Ken (GOV); Biehl, Laura (GOV); Wurfel, Sara (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Flint water talking points and background

Good evening team,

Terry Stanton, working with Brad and Jerry Ambrose, drafted talking points and background on the Flint water issues.

If asked, Terry suggests the governor say:

Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.

Terry said he cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc. He said the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Murray, David (GOV)
Sent: Monday, January 26, 2015 4:14 PM
To: Agen, Jarrod (GOV)
Subject: FW: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

Flint's mayor is trying to drag us into this fight.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Monday, January 26, 2015 4:06 PM
To: Murray, David (GOV)
Subject: FW: dayne walling/request for comment

From: Fonger, Ronald
Sent: Monday, January 26, 2015 2:28 PM
To: Murray, David
Subject: dayne walling/request for comment

Dave:
I'm attaching an op-ed that Flint Mayor Dayne Walling has given MLive-The Flint Journal. I'm writing a story about his request that the governor visit Flint.
I did hear back from Terry Stanton the last time we asked for a response to the mayor's water improvement plan and I used his comments, however Walling has told me since that he's expecting a response from the governor himself and I'll probably be using that in the story I'm working on also.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

By Flint Mayor Dayne Walling

Access to safe and clean water is a basic human right. And a citizen's right to safe drinking water should not be based on how much money you earn, the neighborhood you live in or if your local government is under the control of an emergency manager.

All citizens have a fundamental right to know that such a critical resource as their water supply is safe and accessible. But that is not happening in Flint at the moment.

That is why, on January 18th, I forwarded a request that Governor Snyder adopt my Flint Water Improvement Plan. My plan, focused on the areas of safety, quality, access, investment and education, starts by calling for 100 percent safety as the standard for water.

The plan calls for reporting of water testing to the public by city officials, an amnesty program to reduce fees for Flint water turn-ons, accelerated water system capital improvements and partnerships with community organizations to help with water payment assistance. I'm also reaching out to other state and elected officials for support.

The request comes as residents, as evidenced in a series of recent community meetings, continue to have concerns about the quality of Flint's water. Earlier in 2014, several boil-the-water advisories were issued by the city because of issues with bacteria found in water in some parts of Flint. Gov. Snyder's appointed emergency manager recently told customers that Flint was in violation of the Safe Drinking Water Act because of the high level of trihalomethane (TTHM) -- a byproduct of chlorination -- in drinking water samples last year.

A contradictory order from the city saying the water was safe but could present risks for infants, the elderly and those with compromised immune systems confused residents further and compounded the worries of Flint's vulnerable populations. Marry that with costly water rates that have threatened individuals' access and you have the crisis of concern and confidence swirling in Flint today.

Sadly, because Flint is under Michigan's controversial emergency manager system of governance, locally elected officials have been largely limited to serving as sounding boards to justifiably worried Flint residents.

This is unacceptable. Not only should Governor Snyder visit Flint in the midst of this ongoing crisis, but his administration should make it the priority that the community expects.

It's time for the Snyder administration to do what is best for the citizens of Flint---immediately. There is nothing more important in Flint right now than fixing the water problems.

This will take time and money so the sooner the new investments are made, the better.

From: Murray, David (GOV)
Sent: Monday, January 26, 2015 8:43 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Flint Journal and water stories

Wanted to give you guys a heads up. The Journal has posted four stories about the water issue today, three of them within the hour. Based on my Mlive experience, I can tell you this means A) the stories are getting a lot of hits, and they are milking it in an attempt to B) get the stories to go viral. They no doubt remember the attention the Detroit water issue got during the summer and are shooting for something similar. Journalism has taken a backseat to clicks.

I don't know if that changes what we do, but I wanted to give you a heads up to the strategy. Pushing back will give them more stories, but we might be able to shift the narrative away from the state.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 2:27 PM
To: Hollins, Harvey (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: Flint water issue

Hi there Harvey -

Just following up on this per brief conversation/mention at yesterday's senior staff meeting and Dave's voice mail to you as well.

I believe you had indicated you had a meeting on this tomorrow, yes?

We need to touch base and get all facts on this situation ASAP. Turning into unfortunate and unnecessary PR issue that we're trying to work with Treasury and DEQ to be on top of, stem, find resolution, etc.

Please call our office today to connect with Dave (as our lead on this) or myself or Jarrod if he's not available for some reason.

Thanks much,
SW

Sent from my iPad

From: Hollins, Harvey (GOV)
Sent: Tuesday, January 27, 2015 2:30 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: RE: Flint water issue

Stacie will set it up.

-----Original Message-----
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Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
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Thanks much,
SW

Sent from my iPad

From: Murray, David (GOV)
Sent: Tuesday, January 27, 2015 3:00 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Subject: Flint water meetings are tomorow, and they are here.

Stacie said Dick Posthumus organized two Flint water meetings tomorrow, first with staff, and another later in the day with staff plus Jerry Ambrose, Mayor Walling. The Flint DPS director. I've asked that we be included in both meetings, and Stacie said that shouldn't be a problem.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Clayton, Stacie (GOV)
Sent: Tuesday, January 27, 2015 3:11 PM
To: Hollins, Harvey (GOV); Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water issue

Greetings All,

The meetings on Wednesday that Harvey referenced on Senior Staff call regarding the Flint water issue are actually being facilitated by Dick Posthumus' Office. They will be held in the Romney building as follows:

10:00am - 11:00am (Internal Meeting in the 2nd Floor Executive Conference Room) Dick Posthumus Dennis Muchmore John Walsh Beth Clement Tom Saxton Harvey Hollins

2:00pm-3:pm (Full Meeting in the Governor's Conference Room) Jerry Ambrose Mayor Walling Howard Croft, Director of the Department of Public Works Tom Saxton Dick Posthumus Dennis Muchmore Beth Clement Sen. Ananich Andy Leavitt John Walsh Harvey Hollins

-----Original Message-----
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Sent: Tuesday, January 27, 2015 2:30 PM
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Cc: Agen, Jarrod (GOV); Murray, David (GOV); Clayton, Stacie (GOV)
Subject: RE: Flint water issue

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Please call our office today to connect with Dave (as our lead on this) or myself or Jarrod if he's not available for some reason.

Thanks much,
SW

Sent from my iPad

From: Wurfel, Sara (GOV)
Sent: Tuesday, February 03, 2015 12:21 PM
To: Murray, David (GOV); Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ)
Cc: Agen, Jarrod (GOV)
Subject: Fwd: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

FYI - did we know about this? Did Jason give a heads up on this? Why announce 45 mins before event and just before state presser?

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

Begin forwarded message:

> **From:** Jason Lorenz <jlorenz@cityofflint.com>
> **Date:** February 3, 2015 at 12:01:34 PM EST
> **To:** undisclosed-recipients:;
> **Subject: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference**
>
> **MEDIA ADVISORY: Keep the Water Flowing Resident Assistance "Water Fair" Press Conference**
>
> **WHEN: Tuesday, February 3, 2015 at 1pm**
>
> **WHERE: Catholic Charities of Shiawassee and Genesee Counties, 901 Chippewa St., Flint**
>
> **Details on an upcoming event to provide education on assistance available to Flint residents for access to water will be announced by officials from the City of Flint and its partnering agencies, Catholic Charities, the United Way of Genesee County, the Salvation Army, the Food Bank of Eastern Michigan and Home Depot.**
>
> -Jason Lorenz
> Public Information Officer
> City of Flint
> (810) 237-2039
> jlorenz@cityofflint.com

From: Wurfel, Brad (DEQ)
Sent: Tuesday, February 03, 2015 12:24 PM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV); Stanton, Terry A. (Treasury); Agen, Jarrod (GOV)
Subject: Re: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

This is the first I've seen of it. I understand congressman Kildee Will be handing out bottled water around the city today as well.

Sent from my iPhone

On Feb 3, 2015, at 12:21 PM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

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>
> Sara Wurfel
> Press Secretary | Executive Office of Governor Rick Snyder
>
> Sent from my iPhone
>
> Begin forwarded message:
>
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> > **Subject: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference**
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>
> -Jason Lorenz

Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, February 03, 2015 12:32 PM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Re: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference

First I'd heard also b

TS

On Feb 3, 2015, at 12:23 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> This is the first I've seen of it. I understand congressman Kildee Will be handing out bottled water around the city today as well.
>
> Sent from my iPhone
>
> On Feb 3, 2015, at 12:21 PM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:
>
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> > Sara Wurfel
> > Press Secretary | Executive Office of Governor Rick Snyder
> >
> > Sent from my iPhone
> >
> > Begin forwarded message:
> >
> > **From:** Jason Lorenz <jlorenz@cityofflint.com>
> > **Date:** February 3, 2015 at 12:01:34 PM EST
> > **To:** undisclosed-recipients:;
> > **Subject: MEDIA ADVISORY: Keep the Water Flowing Event Press Conference**
> >
> > **MEDIA ADVISORY: Keep the Water Flowing Resident Assistance "Water Fair" Press Conference**
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Way of Genesee County, the Salvation Army, the Food Bank of Eastern Michigan and Home Depot.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

On Feb 3, 2015, at 12:07 PM, Wheaton, Bob (DHS) <WheatonB@michigan.gov> wrote:

> Everyone,
>
> Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So maybe that's what the intermediate school district is talking about regarding the Head Start program.
>
> It's possible MDE could have issued something as well, so I'll check with them.
>
> Bob
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:22 AM
> **To:** Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.
>
> We'll get to the bottom of this.
>
> ---
>
> **From:** Smith, Jennifer (DCH)
> **Sent:** Tuesday, February 03, 2015 11:19 AM
> **To:** Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:15 AM
> **To:** Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. Let me check with Ron for some details.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287

Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

<mime-attachment>

From: Brown, Jessica (GOV)
Sent: Tuesday, February 03, 2015 3:42 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: PLEASE REVIEW
Attachments: 3 RELEASE Flint water grants TS.docx

Importance: High

Hi Jarrod –

Sorry to bother you while you're sick – can you please give the attached release a look and sign-off. Sara has been tied up and we need to get it out the door ASAP. Sorry for the last minute request!

JB

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	February 3, 2015

Gov. Rick Snyder awards Flint $2 million in 'distressed municipalities' grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help municipalities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among eleven municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives, and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, and state Rep. Sheldon Neeley.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity,

allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Flint Mayor Dayne Walling said he appreciates the state support.

"This announcement comes at the perfect time for Flint as we continue with repairs and upgrades to our water service infrastructure that are in accordance with our new Capital Improvement Plan," Walling said. "This significant funding opportunity from the State will allow us to move forward with two projects that will mean long term cost savings for the City of Flint."

Municipalities are eligible for the grants if they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

###

Jessica M. Brown
Communications Associate
Executive Office of the Governor, Rick Snyder
O: 517-335-6397
M: **PPI**
BrownJ53@michigan.gov

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

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###

From: Brown, Jessica (GOV)
Sent: Tuesday, February 03, 2015 3:46 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: RE: PLEASE REVIEW

Thanks much

From: Agen, Jarrod (GOV)
Sent: Tuesday, February 03, 2015 3:45 PM
To: Brown, Jessica (GOV)
Cc: Murray, David (GOV)
Subject: Re: PLEASE REVIEW

Looks good. Send when ready.

On Feb 3, 2015, at 3:42 PM, Brown, Jessica (GOV) <BrownJ53@michigan.gov> wrote:

> Hi Jarrod –
>
> Sorry to bother you while you're sick – can you please give the attached release a look and sign-off. Sara has been tied up and we need to get it out the door ASAP. Sorry for the last minute request!
>
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CONTACTS:	FOR IMMEDIATE RELEASE
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Jessica M. Brown
Communications Associate
Executive Office of the Governor, Rick Snyder
O: 517-335-6397

M: PPI
Brownj53@michigan.gov

<3 RELEASE Flint water grants TS.docx>

From: Wurfel, Sara (GOV)
Sent: Tuesday, February 03, 2015 4:37 PM
To: Agen, Jarrod (GOV)
Subject: FW: Flint Head Start told to not use city of Flint water?

FYI. Sigh. We're working on this now too.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

On Feb 3, 2015, at 12:07 PM, Wheaton, Bob (DHS) <WheatonB@michigan.gov> wrote:

> Everyone,
>
> Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So maybe that's what the intermediate school district is talking about regarding the Head Start program.
>
> It's possible MDE could have issued something as well, so I'll check with them.
>
> Bob
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:22 AM
> **To:** Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.
>
> We'll get to the bottom of this.
>
> ---
>
> **From:** Smith, Jennifer (DCH)
> **Sent:** Tuesday, February 03, 2015 11:19 AM

To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:15 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave -- is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. Let me check with Ron for some details.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

<mime-attachment>

From: Murray, David (GOV)
Sent: Friday, February 06, 2015 3:26 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: FW: Flint Water

I have concerns about this.

http://www.veolianorthamerica.com/en

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!

Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download of this picture from the Internet.
https://sites.google.com/a/truscottrossman.com/oct17/home/email-logo.png

Kelly Rossman-McKinney
CEO
Truscott Rossman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 335 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320
Fax: (517) 487-5080

From: Muchmore, Dennis (GOV)
Sent: Friday, February 06, 2015 4:46 PM
To: Agen, Jarrod (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: RE: Flint Water

Keep in mind we paid for the consultant.

From: Agen, Jarrod (GOV)
Sent: Friday, February 06, 2015 3:59 PM
To: Muchmore, Dennis (GOV); Baird, Richard (GOV); Clement, Elizabeth (GOV)
Subject: FW: Flint Water

Heads up -- given all the good coverage we got from our Flint water event earlier this week, this seems like an attempt to throw us back under the bus and draw more controversy/publicity to the water issue.
I would advise we stir very clear of this event or helping to orchestrate it.

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!

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https://sites.google.com/a/truscottrossman.com/oct17/home/email-logo.png

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200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 295 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320
Fax: (517) 487-5080

From: Workman, Wayne (TREASURY)
Sent: Tuesday, March 03, 2015 4:18 AM
To: Muchmore, Dennis (GOV)
Cc: Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Subject: Re: Contaminated Drink Water if Flint

I am going to price the water to see how much we can buy

Sent from my iPhone

> On Mar 2, 2015, at 11:56 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:
>
> Might want to get Jarrod and Terry Stanton on this as well as Harvey. Otherwise it will get out of hand. It's in the city's long term interest to make the KWA work and we can make the river water safe, but we need to work with the ministers this week to help them out. It's tough for everyday people to listen to financial issues and water mumbo jumbo when all they see is problems. You can't expect the ministers to hold the tide on this problem.
>
> How about cutting a deal with Ice Mountain or Bill Young and buying some water for the people for a time? $250K buys a lot of drinking water and we could distribute it through the churches while we continue to make the water even safer.
>
> If we procrastinate much longer in doing something direct we'll have real trouble.
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> From: Kelly Rossman-McKinney
> <krossman@truscottrossman.com<mailto:krossman@truscottrossman.com>>
> Date: March 2, 2015 at 8:26:34 AM EST
> To: Dennis Muchmore
> <muchmored@michigan.gov<mailto:muchmored@michigan.gov>>
> Subject: FW: Contaminated Drink Water if Flint
>
> Please call me so we can discuss. This issue is out of hand. We do pro bono work for the city on an as-needed basis, plus we also work for Veolia, the water consultant they brought on board. I'm concerned about the implications that this may have racial overtones. Ugh.
>
> [https://sites.google.com/a/truscottrossman.com/oct17/home/email-logo.
> png]
>
>
> Kelly Rossman-McKinney
> CEO
> Truscott Rossman •
> truscottrossman.com<http://www.truscottrossman.com/>
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> 200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
> 125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

> Cell: PPI
> Office: (517) 487-9320
> Fax: (517) 487-5080
>
>
>
> From: Gerald Ambrose [mailto:gambrose@cityofflint.com]
> Sent: Monday, March 02, 2015 7:36 AM
> To: Kelly Rossman-McKinney
> Subject: Fwd: Contaminated Drink Water if Flint
>
>
> Welcome to Monday. Please advise asap as to any next steps you recommend, if any.
> ---------- Forwarded message ----------
> From: "Dayne Walling"
> <dwalling@cityofflint.com<mailto:dwalling@cityofflint.com>>
> Date: Mar 2, 2015 7:29 AM
> Subject: Fwd: Contaminated Drink Water if Flint
> To: "Gerald Ambrose"
> <gambrose@cityofflint.com<mailto:gambrose@cityofflint.com>>, "Natasha
> Henderson"
> <nhenderson@cityofflint.com<mailto:nhenderson@cityofflint.com>>,
> "Peter Bade" <pbade@cityofflint.com<mailto:pbade@cityofflint.com>>
> Cc:
>
> FYI:
> ---------- Forwarded message ----------
> From: Arlington Dumas <ac2dumas@yahoo.com<mailto:ac2dumas@yahoo.com>>
> Date: Sat, Feb 28, 2015 at 2:09 PM
> Subject: Contaminated Drink Water if Flint
> To: "randall@udayton.edc<mailto:randall@udayton.edc>"
> <randall@udayton.edc<mailto:randall@udayton.edc>>
> Cc: "mail103@foxtv.com<mailto:mail103@foxtv.com>"
> <mail103@foxtv.com<mailto:mail103@foxtv.com>>, WFLT 1420 Am
> <wflt1420am@aol.com<mailto:wflt1420am@aol.com>>, Abc12news
> <abc12news@abc12.com<mailto:abc12news@abc12.com>>, Wnem Desk
> <wnem@wnem.com<mailto:wnem@wnem.com>>, Scot Johnson Wnem
> <scot.johnson@wnem.com<mailto:scot.johnson@wnem.com>>,
> "news@wjr.com<mailto:news@wjr.com>"
> <news@wjr.com<mailto:news@wjr.com>>,
> "assigmentdesk@wdiv.com<mailto:assigmentdesk@wdiv.com>"
> <assigmentdesk@wdiv.com<mailto:assigmentdesk@wdiv.com>>, "D. Adams"
> <dadams5@mlive.com<mailto:dadams5@mlive.com>>,
> fox2newsdesk@foxtv.com<mailto:fox2newsdesk@foxtv.com>,
> "nikkibednarski@cumulus.com<mailto:nikkibednarski@cumulus.com>"
> <nikkibednarski@cumulus.com<mailto:nikkibednarski@cumulus.com>>,
> "mageorge@freepress.com<mailto:mageorge@freepress.com>"
> <mageorge@freepress.com<mailto:mageorge@freepress.com>>, "B. Thorne"
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> Reggie Flynn"
> <pastorreggieflynn@yahoo.com<mailto:pastorreggieflynn@yahoo.com>>,
> "wxyzdesk@wxyz.com<mailto:wxyzdesk@wxyz.com>"
> <wxyzdesk@wxyz.com<mailto:wxyzdesk@wxyz.com>>,
> "wflt1420@aol.com<mailto:wflt1420@aol.com>"

> <wflt1420@aol.com<mailto:wflt1420@aol.com>>,
> "cspacouriernews@yahoo.com<mailto:cspacouriernews@yahoo.com>"
> <cspacouriernews@yahoo.com<mailto:cspacouriernews@yahoo.com>>,
> "dshepardson@depnewss.com<mailto:dshepardson@depnewss.com>"
> <dshepardson@depnewss.com<mailto:dshepardson@depnewss.com>>,
> "promotion@wsmh.com<mailto:promotion@wsmh.com>"
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> <emays@cityofflint.com<mailto:emays@cityofflint.com>>, Emergency
> Manager <em@cityofflint.com<mailto:em@cityofflint.com>>, Brenda
> Williams
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> <hwinford@cityofflint.com<mailto:hwinford@cityofflint.com>>, Inez
> Brown <ibrown@cityofflint.com<mailto:ibrown@cityofflint.com>>, Peter
> Bade <pbade@cityofflint.com<mailto:pbade@cityofflint.com>>,
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> Fletcher Jr." <lfletcherj@aol.com<mailto:lfletcherj@aol.com>>,
> "skincaid9@comcast.net<mailto:skincaid9@comcast.net>"
> <skincaid9@comcast.net<mailto:skincaid9@comcast.net>>, Scott Kincaid
> <skincaid@cityofflint.com<mailto:skincaid@cityofflint.com>>, Dan
> Kildee <dkildee58@gmail.com<mailto:dkildee58@gmail.com>>,
> "rfonger1@mlive.com<mailto:rfonger1@mlive.com>"
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> <gregoryeason56@gmail.com<mailto:gregoryeason56@gmail.com>>,
> "murphyquincy73@yahoo.com<mailto:murphyquincy73@yahoo.com>"
> <murphyquincy73@yahoo.com<mailto:murphyquincy73@yahoo.com>>, Wilbert
> Jarrett <jarrettacres@netspace.net<mailto:jarrettacres@netspace.net>>,
> Sally Haywood
> <sallyhaywood@comcast.net<mailto:sallyhaywood@comcast.net>>, Jamie
> Curtis
> <talktojamiecurtis@gmail.com<mailto:talktojamiecurtis@gmail.com>>,
> "Gregory T. Gibbs"
> <greggibbs51@sbcglobal.net<mailto:greggibbs51@sbcglobal.net>>, Rev
> Wendell Anthony
> <wendellanthony@gmail.com<mailto:wendellanthony@gmail.com>>, Rev
> Bullock <dalexbull@aol.com<mailto:dalexbull@aol.com>>, Dyane Walling
> <dwalling@cityofflint.com<mailto:dwalling@cityofflint.com>>, Valdemar
> Washington <vlwlegal@aol.com<mailto:vlwlegal@aol.com>>, "John W.
> Carpenter" <cmuparents@aol.com<mailto:cmuparents@aol.com>>, Johnnie
> Coleman Coleman <jalwaysc@yahoo.com<mailto:jalwaysc@yahoo.com>>,
> Deloris Richardson
> <cfreeman0859@yahoo.com<mailto:cfreeman0859@yahoo.com>>, Jacki
> Pritchard <jpritch57@comcast.net<mailto:jpritch57@comcast.net>>,
> Hershal Pritchard
> <pritch32@sbcglobal.net<mailto:pritch32@sbcglobal.net>>, AC Dumas

> <ac2dumas@yahoo.com<mailto:ac2dumas@yahoo.com>>
>
> Good Afternoon, Attorney Randall!
>
> Thank you for returning my call on the other day! Again, my concern as is others in the City of Flint, Michigan regarding the drinking water source for the water customers of the City of Flint. I have enclosed one of the lasted article written by the local newspaper, "The Flint Journal" regarding the Flint River water. Needless to say, the water is dangerous to our health! GM will not use the water at its Engine Plant in Flint to wash engines parts!
>
> We need your help to guide us to the profession people that know about "Bad Drinking Water and Environmental Racism". I truly believe it's "Environmental Racism" at its worst or should I say best! As a resident of flint, Past President of the Flint Branch NAACP, newly elected VP of the Flint Branch NAACP and the most listen to broadcast host during that time on Flint's premiere gospel station, WFLT 1420AM, each Saturday morning from 9:30-10AM, I have challenged our elected officials to step up to the plate and fix this water problem!
>
> I'll be asking the Executive Committee of the Flint Branch of the NAACP to request from our National Office if we can proceed with a possible "Environmental Racism" lawsuit with their assistance and the assistance of other civil rights groups and others to "file briefs in support of our efforts against those parties involved with the changing and the using of the Flint River as our water drinking source.
>
> The City of Flint has Emergency Manager #4 since our "takeover", and cares less about the residents or the water concerns of its Customers of Flint! Please help us with our problem by directing us to the right professional people. Please go to www.actionpa.org/fluroride/ej.html<http://www.actionpa.org/fluroride/ej.html> regarding "Environmental Racism" I have attached an article from the Flint Journal, and may Google other articles regarding the Flint's water source, including how we arrived to where we are on today.
>
> Thank you very much in advance!!
>
> I remain.
>
> AC Dumas, Concerned Resident
>
>
>
> --
> Dayne Walling
> Mayor, City of Flint
> City Hall, 1101 S. Saginaw St.
> Flint, MI 48502
> 810-766-7346
> mayor@cityofflint.com<mailto:mayor@cityofflint.com>
> www.cityofflint.com<http://www.cityofflint.com/>
> follow me on twitter at http://twitter.com/mayorwalling
> <CCF02282015_0002.pdf>

From: Workman, Wayne (TREASURY)
Sent: Tuesday, March 03, 2015 11:53 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Subject: RE: Contaminated Drink Water if Flint

If this does happen, we need to figure who would hand out the water. It should not be the City. It would undercut every point they are making. It probably should also be reserved for people who can't afford to buy water.

From: Muchmore, Dennis (GOV)
Sent: Monday, March 02, 2015 11:57 PM
To: Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Subject: Fwd: Contaminated Drink Water if Flint

Might want to get Jarrod and Terry Stanton on this as well as Harvey. Otherwise it will get out of hand. It's in the city's long term interest to make the KWA work and we can make the river water safe, but we need to work with the ministers this week to help them out. It's tough for everyday people to listen to financial issues and water mumbo jumbo when all they see is problems. You can't expect the ministers to hold the tide on this problem.

How about cutting a deal with Ice Mountain or Bill Young and buying some water for the people for a time? $250K buys a lot of drinking water and we could distribute it through the churches while we continue to make the water even safer.

If we procrastinate much longer in doing something direct we'll have real trouble.

Sent from my iPhone

Begin forwarded message:

> **From:** Kelly Rossman-McKinney <krossman@truscottrossman.com>
> **Date:** March 2, 2015 at 8:26:34 AM EST
> **To:** Dennis Muchmore <muchmored@michigan.gov>
> **Subject: FW: Contaminated Drink Water if Flint**
>
> Please call me so we can discuss. This issue is out of hand. We do pro bono work for the city on an as-needed basis, plus we also work for Veolia, the water consultant they brought on board. I'm concerned about the implications that this may have racial overtones. Ugh.

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Kelly Rossman-McKinney
CEO
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300 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-9320

From: Gerald Ambrose [mailto:gambrose@cityofflint.com]
Sent: Monday, March 02, 2015 7:36 AM
To: Kelly Rossman-McKinney
Subject: Fwd: Contaminated Drink Water if Flint

Welcome to Monday. Please advise asap as to any next steps you recommend, if any.

---------- Forwarded message ----------
From: "Dayne Walling" <dwalling@cityofflint.com>
Date: Mar 2, 2015 7:29 AM
Subject: Fwd: Contaminated Drink Water if Flint
To: "Gerald Ambrose" <gambrose@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, "Peter Bade" <pbade@cityofflint.com>
Cc:

FYI:
---------- Forwarded message ----------
From: **Arlington Dumas** <ac2dumas@yahoo.com>
Date: Sat, Feb 28, 2015 at 2:09 PM
Subject: Contaminated Drink Water if Flint
To: "randall@udayton.edc" <randall@udayton.edc>
Cc: "mail103@foxtv.com" <mail103@foxtv.com>, WFLT 1420 Am <wflt1420am@aol.com>, Abc12news <abc12news@abc12.com>, Wnem Desk <wnem@wnem.com>, Scot Johnson Wnem <scot.johnson@wnem.com>, "news@wjr.com" <news@wjr.com>, "assigmentdesk@wdiv.com" <assigmentdesk@wdiv.com>, "D. Adams" <dadams5@mlive.com>, fox2newsdesk@foxtv.com, "nikkibednarski@cumulus.com" <nikkibednarski@cumulus.com>, "mageorge@freepress.com" <mageorge@freepress.com>, "B. Thorne" <bthorne@flintjournal.com>, "Rev. Reggie Flynn" <pastorreggieflynn@yahoo.com>, "wxyzdesk@wxyz.com" <wxyzdesk@wxyz.com>, "wflt1420@aol.com" <wflt1420@aol.com>, "cspacouriernews@yahoo.com" <cspacouriernews@yahoo.com>, "dshepardson@depnewss.com" <dshepardson@depnewss.com>, "promotion@wsmh.com" <promotion@wsmh.com>, Eric Mays <emays@cityofflint.com>, Emergency Manager <em@cityofflint.com>, Brenda Williams <brwilliams@visionmpinc.com>, Wantwaz Davis <wantwazd@yahoo.com>, Monica Galloway <mgfavor32@comcast.net>, Sheldon Neeley <neeleyward6@gmail.com>, Vicky Van Buren <vvanburen@cityofflint.com>, Jackie Poplar <jpoplar@cityofflint.com>, Josh Freeman <freeman3727@sbcglobal.net>, Wantwaz Davis <wdavis@cityofflint.com>, Brian Nolden <bnolden754@comcast.net>, "hwinford@cityofflint.com" <hwinford@cityofflint.com>, Inez Brown <ibrown@cityofflint.com>, Peter Bade <pbade@cityofflint.com>, "knelson@cityofflint.com" <knelson@cityofflint.com>, "Loyst Fletcher Jr." <lfletcherj@aol.com>, "skincaid9@comcast.net" <skincaid9@comcast.net>, Scott Kincaid <skincaid@cityofflint.com>, Dan Kildee <dkildee58@gmail.com>, "rfonger1@mlive.com" <rfonger1@mlive.com>, Gregory Eason <gregoryeason56@gmail.com>, "murphyquincy73@yahoo.com" <murphyquincy73@yahoo.com>, Wilbert Jarrett <jarrettacres@netspace.net>, Sally Haywood <sallyhaywood@comcast.net>, Jamie Curtis <talktojamiecurtis@gmail.com>, "Gregory T. Gibbs" <greggibbs51@sbcglobal.net>, Rev

Wendell Anthony <wendellanthony@gmail.com>, Rev Bullock <dalexbull@aol.com>, Dyane Walling <dwalling@cityofflint.com>, Valdemar Washington <vlwlegal@aol.com>, "John W. Carpenter" <cmuparents@aol.com>, Johnnie Coleman Coleman <jalwaysc@yahoo.com>, Deloris Richardson <cfreeman0859@yahoo.com>, Jacki Pritchard <jpritch57@comcast.net>, Hershal Pritchard <pritch32@sbcglobal.net>, AC Dumas <ac2dumas@yahoo.com>

Good Afternoon, Attorney Randall!

Thank you for returning my call on the other day! Again, my concern as is others in the City of Flint, Michigan regarding the drinking water source for the water customers of the City of Flint. I have enclosed one of the lasted article written by the local newspaper, "The Flint Journal" regarding the Flint River water. Needless to say, the water is dangerous to our health! GM will not use the water at its Engine Plant in Flint to wash engines parts!

We need your help to guide us to the profession people that know about "Bad Drinking Water and Environmental Racism". I truly believe it's "Environmental Racism" at its worst or should I say best! As a resident of flint, Past President of the Flint Branch NAACP, newly elected VP of the Flint Branch NAACP and the most listen to broadcast host during that time on Flint's premiere gospel station, WFLT 1420AM, each Saturday morning from 9:30-10AM, I have challenged our elected officials to step up to the plate and fix this water problem!

I'll be asking the Executive Committee of the Flint Branch of the NAACP to request from our National Office if we can proceed with a possible "Environmental Racism" lawsuit with their assistance and the assistance of other civil rights groups and others to "file briefs in support of our efforts against those parties involved with the changing and the using of the Flint River as our water drinking source.

The City of Flint has Emergency Manager #4 since our "takeover", and cares less about the residents or the water concerns of its Customers of Flint! Please help us with our problem by directing us to the right professional people. Please go to www.actionpa.org/fluoride/ej.html regarding "Environmental Racism" I have attached an article from the Flint Journal, and may Google other articles regarding the Flint's water source, including how we arrived to where we are on today.

Thank you very much in advance!!

I remain.

AC Dumas, Concerned Resident

--

Dayne Walling
Mayor, City of Flint
City Hall, 1101 S. Saginaw St.
Flint, MI 48502
810-766-7346
mayor@cityofflint.com
www.cityofflint.com
follow me on twitter at http://twitter.com/mayorwalling

From: Wurfel, Brad (DEQ)
Sent: Tuesday, March 03, 2015 3:20 PM
To: Agen, Jarrod (GOV); Murray, David (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV)
Cc: Wurfel, Sara (GOV)
Subject: FLINT JOURNAL : posted at 1 p.m. today.

Flint water almost like 'gas chambers for Jews,' says Sharpton group activist

Ron Fonger | rfonger1@mlive.com By **Ron Fonger | rfonger1@mlive.com** The Flint Journal

on March 03, 2015 at 12:54 PM, updated March 03, 2015 at 2:10 PM

The Rev. Charles Williams II speaks during a press conference for the National Action Network's coordinated response to the Trayvon Martin verdict in this 2013 Flint Journal file photo.Flint Journal file photo

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"We are extremely disappointed in Rev. Charles Williams' comments but certainly understand -- and share -- his frustration," the city statement says. "With that said, we find Rev. Williams' accusations are a gross misrepresentation of the Flint water condition and a wholly inappropriate comparison."

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*Ron Fonger is a reporter for The Flint Journal. Contact him atrfonger1@mlive.com or 810-247-9963. Follow him on **Twitter**, **Facebook** or**Google+**.*

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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Murray, David (GOV)
Sent: Tuesday, March 03, 2015 5:18 PM
To: Agen, Jarrod (GOV)
Subject: Flint water response points
Attachments: Flint water response points.docx

Here you go. Should I send to others who were on the call?

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Flint water briefing and talking points

Communications: Dave Murray, murrayd1@michigan.gov, PPI

The problem

- Community activists are continuing to raise public concerns about the quality of Flint water, and the talk has grown uglier.
    - Longtime activist A.C. Dumas is raising the issue of an "environmental racism" lawsuit.
    - The president of the Michigan chapter of Al Sharpton's National Action Network told the media on Tuesday that Flint water is "almost as bad as gas chambers for Jews."

High-level points

- Flint residents need and deserve clean, safe water.

- There is potentially some short-term assistance the state and other groups can provide, but Flint needs significant upgrades to its water infrastructure to replace an aging system that has long been neglected.

- The state recently awarded the city $2 million in grants to help with some of the issues, including a plan to locate the areas where pipes are most in need of repair to allow the city to prioritize its replacement projects.

- The Department of Environmental Quality continues to work with the city to monitor water quality.

- **Only if asked:**
    - If asked about the accusations of racism, we should push back hard.
        - These are water infrastructure problems that have been growing in Flint for decades.
        - The change from Detroit water to water from Lake Huron via a new pipeline was a plan created by and supported by the Flint City Council and the mayor. The emergency manager at the time signed off on the plan at the urging of the council and mayor.
        - State leaders have worked with the city to help through its financial struggles to improve public safety, services and the overall quality of life.

Background

- The administration is looking into a variety of options that could improve the color and smell of the water while continuing to explain that the water is safe, and that Flint's water infrastructure needs significant upgrades for a long-term solution.
    - Options include working with area foundations and businesses to purchase filters to be attached to kitchen sinks that would improve water color and smell.
    - Another option would be to make bottled water available to affected residents.

- Flint's water issues are an infrastructure issue.
    - The system is 80 years old, and has not been adequately maintained for about 40 years.
    - The temporary water source – the Flint River – has harder water than the previous source, which was the Detroit Water and Sewer District.
        - The harder water exacerbates the problems in the aging water pipes, and residents have reported an increase in problems since the April switch from Detroit water to Flint River water.
    - The city is in the process of building a new pipeline to link with Lake Huron.
        - The work will take a year or more to complete.
        - Even when linked to Lake Huron, problems with the city pipes will remain.
    - Replacing the pipes costs about $1 million per mile.
        - The city hopes to spend about $8 million in water infrastructure repairs.

- Community leaders have demanded the city return to Detroit water.
    - This would not solve the on-going infrastructure issues.
    - DWSD would charge about $1 million a month to hook up Flint again.
        - The city can't afford this.
        - The additional cost would be passed along to ratepayers.
            - Residents already are paying a lot for their water, about $150 a month.

How can the state assist?

- The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
    - Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

- Gov. Snyder has awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help cities through the Financially Distressed Cities, Villages, and Townships Grant Program.

- Flint is among 11 municipalities receiving grants through the program.
    - Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.
    - Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability.
    - There was $8 million appropriated for the program with a $2 million cap, per local unit.

- A $900,000 grant will allow the city to hire a contractor to perform a leak detection survey of the city water lines.
    - The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair.
    - The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes.

- The assessment will guide the city's water main replacement program.

- The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills.
  - The existing facilities are not up to federal Environmental Protection Agency standards.

- Dennis Muchmore and representatives from Treasury, DEQ and The Office of Urban Initiatives met with a delegation of concerned pastors to discuss the problem in early February.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, March 03, 2015 10:04 PM
To: Workman, Wayne (TREASURY)
Cc: Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
Subject: Re: Contaminated Drink Water if Flint

No question although the city could use a little positive publicity right now.

On Mar 3, 2015, at 11:57 AM, Workman, Wayne (TREASURY) <WorkmanW@michigan.gov> wrote:

> If this does happen, we need to figure who would hand out the water. It should not be the City. It would undercut every point they are making. It probably should also be reserved for people who can't afford to buy water.
>
> ---
>
> **From:** Muchmore, Dennis (GOV)
> **Sent:** Monday, March 02, 2015 11:57 PM
> **To:** Clement, Elizabeth (GOV); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Agen, Jarrod (GOV); Hollins, Harvey (GOV)
> **Subject:** Fwd: Contaminated Drink Water if Flint
>
> Might want to get Jarrod and Terry Stanton on this as well as Harvey. Otherwise it will get out of hand. It's in the city's long term interest to make the KWA work and we can make the river water safe, but we need to work with the ministers this week to help them out. It's tough for everyday people to listen to financial issues and water mumbo jumbo when all they see is problems. You can't expect the ministers to hold the tide on this problem.
>
> How about cutting a deal with Ice Mountain or Bill Young and buying some water for the people for a time? $250K buys a lot of drinking water and we could distribute it through the churches while we continue to make the water even safer.
>
> If we procrastinate much longer in doing something direct we'll have real trouble.
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** Kelly Rossman-McKinney <krossman@truscottrossman.com>
> > **Date:** March 2, 2015 at 8:26:34 AM EST
> > **To:** Dennis Muchmore <muchmored@michigan.gov>
> > **Subject: FW: Contaminated Drink Water if Flint**
> >
> > Please call me so we can discuss. This issue is out of hand. We do pro bono work for the city on an as-needed basis, plus we also work for Veolia, the water consultant they brought on board. I'm concerned about the implications that this may have racial overtones. Ugh.

Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download of this picture from the Internet.
https://ssl.gstatic.com/s/truscottrossman.com/oct17/home/email-logo.png

Kelly Rossman-McKinney
CEO
Truscott Rossman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell PPI
Office (517) 487-9320
Fax: (517) 487-5080

From: Gerald Ambrose [mailto:gambrose@cityofflint.com]
Sent: Monday, March 02, 2015 7:36 AM
To: Kelly Rossman-McKinney
Subject: Fwd: Contaminated Drink Water if Flint

Welcome to Monday. Please advise asap as to any next steps you recommend, if any.

---------- Forwarded message ----------
From: "Dayne Walling" <dwalling@cityofflint.com>
Date: Mar 2, 2015 7:29 AM
Subject: Fwd: Contaminated Drink Water if Flint
To: "Gerald Ambrose" <gambrose@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, "Peter Bade" <pbade@cityofflint.com>
Cc:

FYI:
---------- Forwarded message ----------
From: **Arlington Dumas** <ac2dumas@yahoo.com>
Date: Sat, Feb 28, 2015 at 2:09 PM
Subject: Contaminated Drink Water if Flint
To: "randall@udayton.edc" <randall@udayton.edc>
Cc: "mail103@foxtv.com" <mail103@foxtv.com>, WFLT 1420 Am <wflt1420am@aol.com>, Abc12news <abc12news@abc12.com>, Wnem Desk <wnem@wnem.com>, Scot Johnson Wnem <scot.johnson@wnem.com>, "news@wjr.com" <news@wjr.com>, "assigmentdesk@wdiv.com" <assigmentdesk@wdiv.com>, "D. Adams" <dadams5@mlive.com>, fox2newsdesk@foxtv.com, "nikkibednarski@cumulus.com" <nikkibednarski@cumulus.com>, "mageorge@freepress.com" <mageorge@freepress.com>, "B. Thorne" <bthorne@flintjournal.com>, "Rev. Reggie Flynn" <pastorreggieflynn@yahoo.com>, "wxyzdesk@wxyz.com" <wxyzdesk@wxyz.com>, "wflt1420@aol.com" <wflt1420@aol.com>, "cspacouriernews@yahoo.com" <cspacouriernews@yahoo.com>, "dshepardson@depnewss.com" <dshepardson@depnewss.com>, "promotion@wsmh.com" <promotion@wsmh.com>, Eric Mays <emays@cityofflint.com>, Emergency Manager <em@cityofflint.com>, Brenda Williams <brwilliams@visionmpinc.com>, Wantwaz Davis

<wantwazd@yahoo.com>, Monica Galloway <mgfavor32@comcast.net>, Sheldon Neeley <neeleyward6@gmail.com>, Vicky Van Buren <vvanburen@cityofflint.com>, Jackie Poplar <jpoplar@cityofflint.com>, Josh Freeman <freeman3727@sbcglobal.net>, Wantwaz Davis <wdavis@cityofflint.com>, Brian Nolden <bnolden754@comcast.net>, "bwinford@cityofflint.com" <bwinford@cityofflint.com>, Inez Brown <ibrown@cityofflint.com>, Peter Bade <pbade@cityofflint.com>, "knelson@cityofflint.com" <knelson@cityofflint.com>, "Loyst Fletcher Jr." <lfletcherj@aol.com>, "skincaid9@comcast.net" <skincaid9@comcast.net>, Scott Kincaid <skincaid@cityofflint.com>, Dan Kildee <dkildee58@gmail.com>, "rfonger1@mlive.com" <rfonger1@mlive.com>, Gregory Eason <gregoryeason56@gmail.com>, "murphyquincy73@yahoo.com" <murphyquincy73@yahoo.com>, Wilbert Jarrett <jarrettacres@netspace.net>, Sally Haywood <sallyhaywood@comcast.net>, Jamie Curtis <talktojamiecurtis@gmail.com>, "Gregory T. Gibbs" <greggibbs51@sbcglobal.net>, Rev Wendell Anthony <wendellanthony@gmail.com>, Rev Bullock <dalexbull@aol.com>, Dyane Walling <dwalling@cityofflint.com>, Valdemar Washington <vlwlegal@aol.com>, "John W. Carpenter" <cmuparents@aol.com>, Johnnie Coleman Coleman <jalwaysc@yahoo.com>, Deloris Richardson <cfreeman0859@yahoo.com>, Jacki Pritchard <jpritch57@comcast.net>, Hershal Pritchard <pritch32@sbcglobal.net>, AC Dumas <ac2dumas@yahoo.com>

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mayor@cityofflint.com
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follow me on twitter at http://twitter.com/mayorwalling

From: Muchmore, Dennis (GOV)
Sent: Thursday, March 05, 2015 8:32 AM
To: Clement, Elizabeth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Hollins, Harvey (GOV); Wurfel, Sara (GOV)
Subject: Re: FLINT JOURNAL : posted at 1 p.m. today.

Not Responsive

On Mar 3, 2015, at 3:29 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

<image001.jpg>

Flint water almost like 'gas chambers for Jews,' says Sharpton group activist

Ron Fonger | rfonger1@mlive.com By **Ron Fonger** | rfonger1@mlive.com The Flint Journal
on March 03, 2015 at 12:54 PM, updated March 03, 2015 at 2:10 PM

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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

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Sent: Thursday, March 05, 2015 8:58 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV); Wurfel, Sara (GOV)
Subject: RE: FLINT JOURNAL : posted at 1 p.m. today.

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<image001.jpg>

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Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Thursday, March 05, 2015 4:26 PM
To: Hollins, Harvey (GOV); Wyant, Dan (DEQ); Agen, Jarrod (GOV)
Cc: Baird, Richard (GOV); Wurfel, Sara (GOV)
Subject: FW: Tap Filters

Harvey,
Since group call Tuesday I have been working out how the filter idea might take shape.

To reiterate some key points so we're all clear:

1. DEQ does not inspect individuals' homes in a situation like this. It's the city's system, their operators handle all complaints and maintenance. In fact, our folks alerted me that the city's got union rules in place forbidding any contractor from touching the system.

2. DEQ's role is limited to ensuring the plant is operating to state standards and the water it produces meets potability standards. The aesthetic issues drawing concern from residents -- color, odor, taste -- stem from a variety of things. Age of the system and prolonged lack of upkeep is the leading factor. But in some areas, another contributing factor is changes in water flow -- source used to come from the south, now comes from the north, so some pipes are flowing in reverse, stirring up whatever was settled for a long time. In some sections, large pipes that historically served large communities are now serving a much smaller customer base, contributing to water stagnating in the system. In some areas, household connections are old and worn, so two neighbors may be having dramatically different experiences. My point is, the challenge takes many forms and there's no single solution that will bring sweeping change. The two consultants hired by the city have, as I understand it, both reinforced this idea in their assessments, so that's good.

3. The fix for this will be years in the making, truly. Even if full funding were available, 'big dig' projects can't all happen at once. The city needs to get an assessment of its infrastructure so it can prioritize its needs, and I understand they're working on that. In the near term, maintenance this spring / summer -- things like cleaning the pipes in key sections and flushing the system via the hydrants -- could offer some short term results. I know nobody wants to just wait for spring, but that is something important to keep in mind.

4. In the meantime, the group discussed possibly making home water filters available somehow. The National Safety Foundation is a Michigan company, headquartered and founded in Ann Arbor, that develops standards for all kinds of infrastructure. They're a globally recognized source for standard setting. A look at their site reveals there are myriad filtration options on the market and within each type (faucet mounted, whole house line filters, etc) there are filters that focus on different aspects of purification.

   If this idea begins to get legs, I'd suggest testing some different models on the local water at the customer level to see if they work. I'd also suggest the idea be focused on tap-mounted models to promote clean, appealing drinking water. And I'd suggest this program could be funded in whole or in part by the state, but would need to be administered by the city (reinforcing the fact that they own, operate and service the system). I've got some information on filter models below.

Two more considerations: One, while the state has provided residents in some communities with bottled water in the past, it always has to do with their water being somehow contaminated – as in, some kind of chemical plume that impaired local drinking water sources. This would be the first time the state took steps to deal with what is an aesthetic issue on a system where the water is meeting state drinking water standards.

Water filter info:
ANSI NSF Standard 42 Covers bacteriostasis, taste and odor (associated only with chlorine removal), and other aesthetic conditions
http://standards.nsf.org/apps/group_public/download.php/19895/NSF_42-11%20-%20watermarked.pdf

ANSI NSF Standard 53 Covers health effects removal
http://standards.nsf.org/apps/group_public/download.php/19896/NSF_53-11a%20-%20watermarked.pdf

It is important to note that the filters are not required to meet all aspects of the standard, only the portions they want to make claims for. So product information for each filter must be reviewed to determine its applicability.

Most of these point of use filters are basic activated carbon filters that simply remove taste and odor specifically associated with chlorine, not other things like iron, manganese, hydrogen sulfide, etc. that can also impact taste and odor as well as color.

It is important to recognize that taste and odor is generally an individual preference and such standards have for the most part not been developed because groups of individuals may still consider taste and odor issues to exist even after levels for such a standard have been met.

Other considerations are that the test water for such filters attempting to meet the standard uses hardness levels of 170 mg/L or less. Flint's water at times may be above this level, which could then impact filter performance and longevity.

Most of these filters are designed to be replaced after 100 gallons or less of use, a period of about 3 months for most households. In addition the tests allow for initial pressure drops of up to 15 psi. This may limit use in households that already rely on minimum pressure within their household plumbing.

Regarding the health effects standards, as the Flint water system already meets such requirements, with the exception of the current TTHM locational running annual average, there is little point to the use of these filters for such a purpose.

To the point you'd asked about the other day, while Flint and Detroit are leading examples of unmaintained infrastructure, Flint is not alone by any means.

This recent infrastructure report card
http://www.infrastructurereportcard.org/michigan/michigan-overview/
Lists Michigan with a $13.8 Billion need over the next 20 years.

http://www.infrastructurereportcard.org/a/#p/state-facts/michigan

Here's a link to the 2009 Report Card for Michigan Infrastructure
http://www.michiganreportcard.com/

From the report:

"A significant portion of the state's primary distribution system is nearing 100 years old. CWS are facing a significant challenge to maintain the vast network of aging, underground infrastructure. Within the city of Detroit alone, approximately 80% of its distribution piping was installed prior to 1940, which is not unusual for CWS in Michigan."

"The age of the majority of the state's distribution system is the primary contributor to normal decay and failure. In many cases, pipe life has far exceeded useful service life. Much of the older water systems consist of undersized mains constructed of materials such as unlined cast iron pipe. Minor fluctuations in system flows or pressure may cause red water complaints and even result in pipe failure. All CWS should have routine flushing and valve maintenance programs; however many are hesitant due to the time and cost."

"Under the Stage 2 Disinfection Byproducts Rule, all CWS that disinfect are required to provide increased trihalomethane (THHM) and haloacetic acid (HAA5) monitoring due to the potential byproducts of chlorine reactions within the pipe system. Corrosion, scale, solid suspension on the interior sidewall of pipe, in addition to the age and condition of the system will require diligent rehabilitation investment to maintain system integrity."

"While better materials and advanced technology is available to replace the aging distribution system, resources remain scarce when compared with the magnitude of the rehabilitation task at hand. Too often, distribution system replacement costs are underfunded and the first item to be slashed when budget problems arise. Overall, distribution system maintenance is reactionary in much of the older systems. Since the majority of the antiquated system will require removal and replacement beyond the CWS funding resources for systematic upgrade, a reactionary rehabilitation program is inevitable and must be funded accordingly."

Call or email me if you need anything further.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Biehl, Laura (GOV)
Sent: Monday, March 09, 2015 4:01 PM
To: Bedan, Morgan (GOV); Emmitt, Beth (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Subject: Tuesday AM media briefings

Morgan- here are tomorrow's media briefings. Jarrod reached out to Beth re: moving the entire timing up 5 minutes. Let me know if that's an issue (It was because WWJ couldn't go live at 7:35 because it put them too close to a break and would shorten the interview too much).

RDS –LIVE Radio interview with Tom Jordan and Roberta Jasina of WWJ Radio

Date: Tuesday, March 10, 2015

TIME: 7:30-7:40 a.m.

RDS to call: PPI ; RDS to call right at 7:30, live within 1 minute

Purpose: Opportunity to discuss the importance of supporting the roads proposal that will be before voters on May 5.

Possible Topics:

Not Responsive

News Coverage:
Large pothole on Mound Road in Macomb takes out several car tires (WWJ) → http://detroit.cbslocal.com/2015/03/09/large-pothole-on-mound-road-in-macomb-takes-out-several-car-tires/
Clarkston schools apprive $1.5M in technology updates (WWJ) → http://detroit.cbslocal.com/2015/03/09/clarkston-schools-approve-1-5m-in-technology-upgrades/
Michigan film incentive program under scrutiny once again (WWJ) → http://detroit.cbslocal.com/2015/03/08/michigan-film-incentive-program-under-scrutiny-once-again/
State of Michigan faces challenge of workers eligible for retirement (WWJ) → http://detroit.cbslocal.com/2015/03/09/state-of-michigan-faces-challenge-of-workers-eligible-for-retirement/

Last interview: 1/21/15 Not Responsive

Market: Southeast Michigan and online at http://detroit.cbslocal.com/

Contact: 248-945-9950 (Newsroom) Backup: PPI (Rob Davidek Cell)

RDS –Taped Radio Interview Jason Cooper of WFNT Radio

Date: Tuesday, March 10, 2015

TIME: 7:45-7:55 a.m.

RDS to call: PPI

Purpose: Not Responsive

Possible Topics:

Not Responsive

Flint Water

Not Responsive

News Coverage:
Flint Police Department explains weapons inventory discrepancy (WFNT) → http://wfnt.com/flint-police-department-explains-weapons-inventory-discrepancy/
Genesee County gun board will be no more, clerk and state police will issue concealed pistol licenses (Flint Journal) → http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_gun_board_will.html#incart_river
Flint water advisory committee's first meeting erupts in shouting match (Flint Journal) → http://www.mlive.com/news/flint/index.ssf/2015/03/flint_residents_say_committee.html
Consultant's final report on Flint water due this week (Michigan Radio) → http://michiganradio.org/post/consultants-final-report-flint-water-due-week
Protests over water as Flint breaks tie to Detroit (Detroit News) → http://www.detroitnews.com/story/news/local/michigan/2015/03/04/flint-water-protests/24395233/
Michigan's Proposal 1 would mean $12 million more for Saginaw County roads (MLive) → http://www.mlive.com/news/saginaw/index.ssf/2015/03/proposal_1_will_mean_115_milli.html
MSP bringing helicopter to Saginaw County airport to provide eye in the sky (MLive) → http://www.mlive.com/news/saginaw/index.ssf/2015/03/michigan_state_police_helicopt.html

Last interview: 12/8/14 Not Responsive

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Note: Jason Cooper WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show Tuesday from 11-noon.

Contact: (810) 743-8446; Backup - PPI

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building

111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI
BiehlL@Michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Tuesday, March 10, 2015 12:06 PM
To: Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Cc: Holton, Jennifer (MDA); Golder, Edward (DNR); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Tommasulo, Karen (DEQ)
Subject: PIO report

Sorry I missed the meeting. Had a couple conflicts. Here's what I want to share with you:

Not Responsive

3. **Flint Water:** had a meeting yesterday with a company Baird put in the room to discuss their ozone technology. It was a good conversation but a non-starter for several reasons (Flint already has an Ozone system to modify its water, this company hasn't had its system certified for use on public drinking water supplies, and the problem they propose to address is not at the water plant but throughout various sections of the distribution system). More broadly, Harvey is looking for a 'thing' the state can be doing for Flint that will position SOM / RS positively. Suggestions range from handing out home water filters (think Britta faucet mount) to passing out jugs of water. After consulting with our experts in the Drinking water program, what we've really come to at DEQ is that if there's funding from treasury (or some charitable donor foundation), the best short-term use of dollars would probably be to hire a company to 'pig' the lines in the distribution system. This is a routine maintenance activity in municipal systems that involves an in-line device under pressure that clears funk out of the lines. **The good news on Flint**: Flint EM Jerry Ambrose noted yesterday that the city has some work to do on its system in the weeks ahead; the TTHM issue is quickly going away; the 'brown water' folks are loud but really few in number; the consultants are doing their work to make suggestions to help the city prioritize its needs; and, broadly, nobody seems to be targeting the administration recently.

Not Responsive

Not Responsive

Call me with questions. Thanks, and have a great week.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Wurfel, Brad (DEQ)
Sent: Tuesday, March 17, 2015 10:12 AM
To: Agen, Jarrod (GOV)
Subject: Fwd: City of Flint Information - Consultants

FYI.

Sent from my iPhone

Begin forwarded message:

> **From:** "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>
> **Date:** March 17, 2015 at 9:54:53 AM EDT
> **To:** "Hollins, Harvey (GOV)" <hollinsh@michigan.gov>
> **Cc:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Clayton, Stacie (GOV)" <claytons3@michigan.gov>, "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>
> **Subject: City of Flint Information - Consultants**
>
> Good Morning Harvey,
>
> The consultants listed below are working with Flint and are in the best position to recommend a water filter system. The locals should be asked to use their consultants to recommend a technology.
>
> Warren Green with Lockwood, Andrews & Newman, Inc.
> 630-918-2494
>
> and
>
> Marvin Gnagy with Veolia North America
> 419-450-2931
>
> Thank you.
>
> Dan Wyant
> Director
>
> ---
>
> Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Tuesday, March 17, 2015 11:18 AM
To: Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ)
Cc: Agen, Jarrod (GOV)
Subject: Fwd: SDWA Violations

Here's the other piece Harvey asked for.
b

Sent from my iPhone

Begin forwarded message:

> **From:** "Shekter Smith, Liane (DEQ)" <SHEKTERL@michigan.gov>
> **Date:** March 17, 2015 at 11:07:33 AM EDT
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "Benzie, Richard (DEQ)" <BENZIER@michigan.gov>, "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>, "Lachance, Amy (DEQ)" <LACHANCEA1@michigan.gov>, "Ostrander, Debbie (DEQ)" <OSTRANDERD@michigan.gov>, "Rosenthal, Adam (DEQ)" <ROSENTHALA@michigan.gov>
> **Subject: FW: SDWA Violations**
>
> Brad –
>
> As requested, the following information has been gleaned from our database regarding violations:
>
> In calendar years 2013 and 2014, we've identified 1100 violations (200 are standards violations, i.e., MCLs; and 910 other violations).
>
> This represents 326 community water supplies that had violations over these two years.
>
> Flint has 5 violations in those 2 years (TTHM MCLs at 2 sites and 2 bacti MCLs (1 with E. coli that counts as an additional violation)).
>
> Please let us know if you know additional information.
>
> Liane

From: Wyant, Dan (DEQ)
Sent: Tuesday, March 17, 2015 11:27 AM
To: Wurfel, Brad (DEQ)
Cc: Thelen, Mary Beth (DEQ); Agen, Jarrod (GOV)
Subject: Re: SDWA Violations

MBT- please forward this to Harvey on my behalf.

Dan Wyant

On Mar 17, 2015, at 11:18 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Here's the other piece Harvey asked for.
> b
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Shekter Smith, Liane (DEQ)" <SHEKTERL@michigan.gov>
> > **Date:** March 17, 2015 at 11:07:33 AM EDT
> > **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> > **Cc:** "Benzie, Richard (DEQ)" <BENZIER@michigan.gov>, "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>, "Lachance, Amy (DEQ)" <LACHANCEA1@michigan.gov>, "Ostrander, Debbie (DEQ)" <OSTRANDERD@michigan.gov>, "Rosenthal, Adam (DEQ)" <ROSENTHALA@michigan.gov>
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> >
> > Please let us know if you know additional information.
> >
> > Liane

From: Wurfel, Sara (GOV)
Sent: Tuesday, March 24, 2015 10:44 AM
To: Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV)
Cc: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: FW: PRESS RELEASE: EM Statement on Flint's Water
Attachments: EM Statement on Water 3.24.2015.pdf; EM Letter to Treasury Regarding Water.PDF

FYI just in case.

What is latest on our involvement in this issue and coordination with Flint EM?

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Tuesday, March 24, 2015 10:35 AM
Subject: PRESS RELEASE: EM Statement on Flint's Water

For Immediate Release

Emergency Manager Statement on Water: Spending Extra $12 Million on Detroit Water "Incomprehensible" When Flint Water Just as Safe

Flint, Michigan – March 24, 2015 – At the City Council meeting held on Monday, March 23, 2015, Flint City Council made a motion to "do all things necessary" to return to using water purchased from Detroit and discontinue use of the Flint River as a water source. The following statement from Emergency Manager Gerald Ambrose addresses that point:

"Flint water today is safe by all EPA and MDEQ standards and the City is working daily to improve its quality. Users also pay some of the highest rates in the state because of the decreased numbers of users and the age of the system.

"It is incomprehensible to me that 7 members of the Flint City Council would want to send more than $12 million a year to the system serving southeast Michigan, even if Flint rate payers could afford it. Water from Detroit is no safer than water from Flint.

"If $12 million annually were available for discretionary use, it would be far better spent reducing rates paid by Flint customers and/or modernizing the City's system."

-Gerald Ambrose,

Flint Emergency Manager

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

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"If $12 million annually were available for discretionary use, it would be far better spent reducing rates paid by Flint customers and/or modernizing the City's system."

-Gerald Ambrose,
Flint Emergency Manager

–END–

CITY OF FLINT

OFFICE OF THE EMERGENCY MANAGER

Gerald Ambrose
Emergency Manager

TO: Wayne Workman, Deputy Treasurer
Treasury Department
State of Michigan

FROM: Jerry Ambrose, Emergency Manager
City of Flint

DATE: March 3, 2015

As the Emergency Manager for the City of Flint, I am charged with restoring the City government to financial solvency, and working to assure that the City moves forward on a financially sustainable basis. The steps taken over the past three years have been difficult. Taxes and fees have been raised, services and workforce reduced, and ongoing costs, including legacy costs, have been constrained.

The current controversy surrounding the provision of water, and the path for resolution, has a potentially significant impact on the progress that is being made. I am satisfied that the water provided to Flint users today is within all MDEQ and EPA guidelines, as evidenced by the most recent water quality results conducted for MDEQ. We have a continuing commitment to maintain water safety and to improve water quality, and have dedicated resources to assure this commitment will be made.

The oft-repeated suggestion that the City should return to DWSD, even for a short period of time, would, in my judgment, have extremely negative financial consequences to the water system, and consequently to the rate payers. By the most conservative estimates, such a move would increase costs by at least $12 million annually, with that amount achieved only by eliminating virtually all budgeted improvements in the system. For a system with Unrestricted Assets of only $740,745, according to the June 30, 2014 audited financial statements, the only recourse within the City's control would be to increase revenues significantly. And in my judgment, that would come from raising rates for water by 30% or more . Further, changing the *source* of the city's water would not necessarily change any of the *aesthetics* of the water, including odor and discoloration, since those appear to be directly related to the aging pipes and other infrastructure that carry water from the treatment facility to our customers.

This direction of discussion also deviates from what, in my judgment, should be the focus: How can we not only operate and maintain a system to assure the delivery of safe and quality water dependably, but significantly reduce the cost of water and sewer to the users? At an average of $149 per month for water and sewer service for a residential user, the cost is extremely high in comparison to surrounding areas, as well as most areas across the state, and creates a significant financial burden for many users. In my judgment, we should all be concentrating on how to reduce rates by 50% or more. Unfortunately, there are no easy or evident answers, and continuation of the status will be an impediment to the sustainable recovery of the City of Flint. It is a conversation that I expect we will have with the recently created Water Quality Advisory Committee.

My reasoning for this conclusion is as follows:

One of the decisions made in the context of beginning to eliminate deficits and to restore financial stability to the City of Flint was to increase water and sewer rates significantly – the only choice available to financially stabilize a system that as of June 30, 2012, had a deficit of $8,758,091. Another was to leave DWDS for the KWA because it offered the opportunity to lower future rate increases. A third decision was to utilize the Flint River on an interim basis when DWSD unilaterally terminated the City's contract for water purchase. That decision was made because it also offered an immediate cost savings opportunity which translated into the ability to upgrade the Water Treatment Plant without having to seek financing. It was a reasonable decision because of our experience in using the river in a back-up capacity, including test runs on a quarterly basis for several decades.

Unfortunately, the switch to the river as a primary source was more challenging than anticipated, and the harsh winter of 2013-2014 resulted in much more damage to the aging water infrastructure than in previous years. The result was the issuance of required notices that water exceeded established guidelines for safety as it could affect certain vulnerable populations, and some users of the system experienced unpleasant odors and discoloration. Some users also appeared to have had some negative reactions to the new source of water. However, as soon as the test results were known, City staff took immediate actions to address the concerns. These actions are evidenced today by the fact that MDEQ has certified that our most recent testing shows water from all testing sites to be well within acceptable guidelines. Additionally, the City is continuing to taking the necessary actions to assure that the water supply remains safe and that water quality continues to improve.

As the City has moved to address the situation, the suggestion continues to be made that the City should re-engage with DWSD and purchase water at least until the KWA pipeline is supplying water. As evidenced by the most recent letter from DWSD, such a decision would immediately increase the City's cost by $846,700 per month, or $10,160,400 per year, just for the fixed cost portion of the price. The actual *purchase* of water would be an additional fee, and dependent upon

the quantity purchased. We estimate the actual water purchase cost to average more than $1 million per month, for a grand total of approximately $22 million per year. Finally, the DWSD offer is conditioned upon the City (or presumably the KWA) agreeing to negotiate a long term contract (30 years) for back-up.

The $22 million annual estimate of increased costs to purchase water from DWSD would be minimally offset by an approximate $3 million in reduced operating costs, and could be further offset by an additional $9 million, but only if all funding for capital improvements to the system are eliminated. To eliminate all funding dedicated to repairing, stabilizing, and improving the system would be totally irresponsible and would have long term negative consequences to the City and to future rate payers.

As you are aware we have recently brought in outside expert assistance to evaluate the steps we have taken to assure that the water is safe and to continue to improve water quality. We are expecting specific recommendations within the next few weeks, and are committed to implementing those recommendations in a timely manner. Many steps have already been taken. I am confident that implementing their recommendations will assure a continuing supply of safe water as well as improved quality, and at far less cost than re-engaging DWSD.

We have also created a 40-member Water Advisory Committee and a 13-member Technical Advisory Committee to assure two-way communication with the public and users of the system. Those committees will begin to meet this week, and we look forward to answering their questions and receiving their input.

It is unfortunate that problems and concerns with quality have arisen, and we are working every day to address the issues that caused them. Maintaining safe water and improving quality is a top priority as we work to make the City of Flint an attractive place to live, work, study, and play.

From: Muchmore, Dennis (GOV)
Sent: Monday, August 03, 2015 11:55 AM
To: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Hollins, Harvey (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: FW: dennis muchmore has sent you - Flint pastors tell residents to get their water tested - from Detroit News

Here's part of our on-going problem.

-----Original Message-----
From: do-not-reply@detroitnews.com [mailto:do-not-reply@detroitnews.com]
Sent: Monday, August 3, 2015 11:49 AM
To: Muchmore, Dennis (GOV)
Subject: dennis muchmore has sent you - Flint pastors tell residents to get their water tested - from Detroit News

Message from: muchmored@michigan.gov

Flint pastors tell residents to get their water tested

Some area pastors held a rally Sunday to urge residents to get their tap water tested

Check out this story on detroitnews.com: http://detne.ws/1SAH1K6

From: Wurfel, Brad (DEQ)
Sent: Monday, August 03, 2015 2:49 PM
To: Muchmore, Dennis (GOV); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Hollins, Harvey (GOV); Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Cc: Clement, Elizabeth (GOV); Wyant, Dan (DEQ)
Subject: RE: dennis muchmore has sent you - Flint pastors tell residents to get their water tested - from Detroit News

That AP brief came from this Flint Journal story:
http://www.mlive.com/news/flint/index.ssf/2015/08/concerned_pastors_urge_flint_r.html#incart_river

Here's one that showcases the local clergy. I presume most of these folks will be with us tomorrow?
http://www.mlive.com/news/flint/index.ssf/2015/06/judge_says_flint_doesnt_have_t_1.html#incart_related_stories

Just had a pre-meet with Stephen Busch, our drinking water expert who oversees the staff regulating Flint. He's planning to bring some information on the history of the water / lead issue in Flint, as well as some data about the most recent statutorily required testing. He'll be able to discuss the state program (which implements the federal statute), what we've been doing by way of testing, what we're finding, and what residents should do if they have concerns.

Anything else anyone wants us to be prepared for?
b

-----Original Message-----
From: Muchmore, Dennis (GOV)
Sent: Monday, August 03, 2015 11:55 AM
To: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Hollins, Harvey (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV)
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Flint pastors tell residents to get their water tested

Some area pastors held a rally Sunday to urge residents to get their tap water tested

Check out this story on detroitnews.com: http://detne.ws/1SAH1K6

From: Workman, Wayne (TREASURY)
Sent: Monday, August 17, 2015 12:05 PM
To: Headen, Frederick (Treasury); Dempkowski, Angela (Treasury); Pleyte, Beth (Treasury); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY); Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: FW: Revised Summary/Distressed Schools Summary
Attachments: Revised_201508_436Summary.docx

See below

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Workman, Wayne (TREASURY)
Sent: Monday, August 17, 2015 12:03 PM
To: 'snyder[redacted] PPI
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Walsh, John (GOV) <WalshJ@michigan.gov>; Redford, James (GOV) <RedfordJ@michigan.gov>; Allard, Claire (GOV) <allardc1@michigan.gov>; Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Koryzno, Edward (Treasury) <KoryznoE@michigan.gov>; Durfee, Sally (TREASURY) <DurfeeS1@michigan.gov>
Subject: FW: Revised Summary/Distressed Schools Summary

Governor and All, Attached is an updated and revised version of the Distressed Municipality and School Summary Report transmitted August 14 at 11:38 am. This should replace the Summary transmitted on August 14. Thank you, Wayne

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Saxton, Thomas (Treasury)
Sent: Monday, August 17, 2015 11:01 AM
To: Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>
Cc: Connors, Paul (Treasury) <ConnorsP@michigan.gov>
Subject: FW: Revised Summary/Gov Doc

Here is the attached table with the corrected data. I gave Paul a few nits on the memo; which I will bring hard copies to the meeting tomorrow.
If you see anything we should change let us know.

From: Connors, Paul (Treasury)
Sent: Monday, August 17, 2015 8:23 AM
To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>

Cc: Pleyte, Beth (Treasury) <PleyteB@michigan.gov>; Storberg, Ann Marie (TREASURY) <StorbergA@michigan.gov>
Subject: Revised Summary/Gov Doc

Here you go

Director of the Office of School Review and Fiscal Accountability
Michigan Department of Treasury
430 W. Allegan Street
Lansing, MI 48922
(517) 241-1186

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB) - MUNICIPALITIES				
Unit of Government	**Board Members**	**Appointment Date**	**Target Exit Date**	**Notes**

Not Responsive

City of Flint	Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan	April 29, 2015	NA	* Motion denied on 6/23/15 for preliminary injunction to force city to purchase water from Detroit. 2nd lawsuit filed on 7/16/15. * KWA pipeline expected to be completed in June 2016.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

August 14, 2015

From: Wurfel, Brad (DEQ)
Sent: Monday, August 17, 2015 2:47 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Saxton, Thomas (Treasury)
Cc: Stanton, Terry A. (Treasury); Smith, Jennifer (DCH)
Subject: FW: Flint Lead Monitoring Letter
Attachments: City of Flint PbCu15 8_17_15.pdf

Heads up, here is a communication headed for Flint regarding lead & copper testing of their system and the need for 'optimizing' their treatment.

Good News: Based on two rounds of testing, they pass inspection for lead and copper.

Next News (there's no bad news here): They still need to provide a plan to optimize their treatment. This usually means adding phosphate to the water to minimize corrosion.

If you have questions, I'm happy to address them.
Thanks!
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

From: Busch, Stephen (DEQ)
Sent: Monday, August 17, 2015 2:36 PM
To: Wurfel, Brad (DEQ)
Cc: Sygo, Jim (DEQ); Benzie, Richard (DEQ); Cook, Pat (DEQ); Prysby, Mike (DEQ); Rosenthal, Adam (DEQ); Pallone, Maggie (DEQ); Shekter Smith, Liane (DEQ)
Subject: Flint Lead Monitoring Letter

Brad,

As there has been much interest regarding lead related to Flint drinking water, I have attached our latest letter which covers the most recent January – June 2015 monitoring period. The City is in compliance with the 15 part per billion action level for lead. Yet based on these results, the treatment cannot be deemed to provide fully optimized corrosion control treatment, and the City will need to recommend additional treatment to achieve this optimization under the Lead and Copper Rule requirements established under the Michigan Safe Drinking Water Act. This is all spelled out in the attached letter.

If you have any questions or would like any additional information you may contact me at the number below.

Stephen Busch, P.E.

MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

DAN WYANT
DIRECTOR

August 17, 2015

Mr. Brent Wright
City of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, Michigan 48505

Dear Mr. Wright:

SUBJECT: Flint, City of WSSN: 02310
Lead and Copper Monitoring of Drinking Water Taps

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), received your report for the monitoring period January 1, 2015, through June 30, 2015.

Action Levels	Results this monitoring period			
	90th Percentile	# of Samples Above Action Level	# of Samples Required	# of Samples Collected
Lead 15 parts per billion (ppb)	11 ppb	6	60	69
Copper 1.3 parts per million (ppm)	0.16 ppm	0	60	69

Ninety percent or more of the sites you tested are within action levels under the administrative rules promulgated under the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). These results must be reported on your 2015 Consumer Confidence Report (CCR) due to our office, your customers, and the local health department, by July 1, 2016. Also include the following statement in the CCR, regardless of the lead and copper levels:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Flint is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.water.epa.gov/drink/info/lead.

Recent changes to the Lead and Copper Rule (LCR) require the water supply to provide individual lead tap results to people who receive water from sites that were sampled, even if lead was not detected, within 30 days of learning of results. You must also send us a certification that you met all the delivery requirements along with a sample copy of your customer notice by three months after the end of the monitoring period. To download the *Lead and Copper Report and Consumer Notice of Lead Result Certificate* in Microsoft Word or PDF format, visit http://www.michigan.gov/deq. Click on Water, Drinking Water, Community Water Supply, and Reporting Forms under the Manuals, Forms and Brochures heading. Water supplies that fail to distribute the Consumer Notice of Lead Results must include the following statement in their CCR, "During the year, we failed to provide lead results to persons served at the sites that were tested as required by the Lead and Copper Rule."

While the City's LCR compliance monitoring has continued to meet action level requirements, the LCR also requires all large systems (those serving over 50,000 people) to optimize corrosion control regardless of their 90th percentile lead concentration. One way to demonstrate fully optimized corrosion control treatment is through two consecutive six month rounds of LCR compliance monitoring in which the difference between the 90th percentile level and the highest source water lead concentration is less than the Practical Quantitative Level for lead (0.005 milligrams per liter). Since the City did not meet these criteria in both the July – December 2014, and January – June 2015, sampling periods, the City must now recommend a treatment to fully optimize corrosion control treatment within six months in accordance with requirements under Act 399, Administrative Rule 604f (R 325.10604f). **This recommendation must be provided to our office as soon as possible, but no later than January 1, 2016**.

However, given the past use of phosphate treatment by the Detroit Water and Sewerage Department (DWSD) to fully optimize corrosion control treatment when the City was a wholesale customer of DWSD, the ODWMA recommends the City select this as its recommended treatment option, and begin implementation as soon as possible to address ongoing concerns by customers regarding lead levels within their premise plumbing systems. Under the second step of this Rule, the DEQ can specify optimal corrosion control treatment.

Our office will inform you when monitoring needs to be conducted as part of the optimization of the implemented corrosion control treatment. Customer requested samples for lead shall continue to be collected and analyzed. Please make every attempt to select the same sites used in the previous monitoring period, giving Tier 1 sites first priority. If original sites are unavailable, select replacement sites based on the Tier 1, 2, and 3 criteria.

Please contact me at 517-284-6644 or rosenthala@michigan.gov at your earliest convenience to discuss how the City will be complying with the above requirements.

Sincerely,

Adam Rosenthal, Environmental Quality Analyst
Lansing District Office
Office of Drinking Water and Municipal Assistance

cc: Mr. Michael Glasgow, City of Flint

From: Wurfel, Sara (GOV)
Sent: Tuesday, September 08, 2015 2:46 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: DRAFT agenda for comms update
Attachments: Agenda Communications Update.docx

Importance: High

Just a couple of minor tweaks, one issue add – Flint water as continues to be ongoing issue, and couple of event adds just to prep/see if anything in particular he's needing or wanting.

Not Responsive

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 08, 2015 2:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: DRAFT agenda for comms update

ok with me

On Sep 8, 2015, at 1:44 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Agenda for comms update – am I missing anything?
>
> **Dave Murray**
> Deputy Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI, mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> <Agenda Communications Update.docx>

Communications Update Meeting
Sept. 8, 2015

Not Responsive

- Flint water

Not Responsive

Upcoming events

Not Responsive

Interview requests

- Not Responsive

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 15, 2015 9:52 AM
To: Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ)
Cc: Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB)
Subject: Flint

Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Muchmore, Dennis (GOV)
Sent: Tuesday, September 15, 2015 9:57 AM
To: Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Wyant, Dan (DEQ); Roberts, John (DTMB)
Cc: Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV)
Subject: Follow up to previous email

Flint asks Snyder for $30M to upgrade water system

Associated Press 7:52 a.m. EDT September 15, 2015

Water from the Flint River rushes into the Flint water treatment plant in Flint.(Photo: File photo)

1 CONNECTTWEETLINKEDIN 2 COMMENTEMAILMORE

Flint — The mayor of Flint is asking Michigan Gov. Rick Snyder for $30 million to help upgrade the city's water system and replace lead service pipes.

The Flint Journal reports Mayor Dayne Walling announced his request while speaking Monday to the City Council. The request was made that day in a letter to Snyder.

The funds sought by Walling include $10 million to replace lead service lines and plumbing that can leach lead into drinking water. Virginia Tech researchers testing Flint's water have said residents shouldn't drink or cook with city water without flushing lines or using a filter.

The U.S. Environmental Protection Agency says Flint's water is within levels allowed for lead. The agency has said it would help the city in its efforts to reduce lead.

This Document is a Non-Responsive Attachment.

From: Khouri, Nick (TREASURY)
Sent: Tuesday, September 15, 2015 10:01 AM
To: Muchmore, Dennis (GOV)
Cc: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB)
Subject: Re: Flint

Tom

Any state or federal subsidized financing available? Something similar in structure to combined sewer overflow?

It's not free money, but a better option

Sent from my iPhone

On Sep 15, 2015, at 9:52 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

> Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 15, 2015 10:27 AM
To: Muchmore, Dennis (GOV)
Cc: Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB)
Subject: Re: Flint

Caution that if Flint gets another allotment, we can expect every other large system in the state will be right on their heels. 15,000 homes in Flint is the estimate. That's a fraction of Detroit. ...
Perhaps this is an opportunity for Mott Foundation? Just a thought.
b

Sent from my iPhone

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> Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Hollins, Harvey (GOV)
Sent: Tuesday, September 15, 2015 11:00 AM
To: Wurfel, Brad (DEQ)
Cc: Muchmore, Dennis (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Roberts, John (DTMB)
Subject: Re: Flint

On the one hand, this is an infrastructure challenge that is not unique. A number of cities in Michigan, maybe not as pronounced, are dealing with water and sewage infrastructure challenges. Flint's problem is that it has 500 miles of iron piping that's over 60 years old, coupled with the fact that the city's population is half the size than it was at it's peak.

On the other hand, like roads, we need a broader state wide solution. Given the roads legislation, perhaps the solution is a fund that a city of a certain size or county can draw down with a required match that can be used to invest in roads, water or sewer.

Of course, Flint's residents are tapped out in terms of rates, taxes and fees, but in the end, they are still a municipality. Any solution the state provides needs to be available to other cities, and should function to assist the city, not total pay for their problem.

On Sep 15, 2015, at 10:26 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Caution that if Flint gets another allotment, we can expect every other large system in the state will be right on their heels. 15,000 homes in Flint is the estimate. That's a fraction of Detroit. ...
> Perhaps this is an opportunity for Mott Foundation? Just a thought.
> b
>
> Sent from my iPhone
>
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>
> > Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 15, 2015 11:05 AM
To: Hollins, Harvey (GOV)
Cc: Muchmore, Dennis (GOV); Khouri, Nick (TREASURY); Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Roberts, John (DTMB)
Subject: Re: Flint

Amen.

Sent from my iPhone

On Sep 15, 2015, at 11:00 AM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:

> On the one hand, this is an infrastructure challenge that is not unique. A number of cities in Michigan, maybe not as pronounced, are dealing with water and sewage infrastructure challenges. Flint's problem is that it has 500 miles of iron piping that's over 60 years old, coupled with the fact that the city's population is half the size than it was at it's peak.
>
> On the other hand, like roads, we need a broader state wide solution. Given the roads legislation, perhaps the solution is a fund that a city of a certain size or county can draw down with a required match that can be used to invest in roads, water or sewer.
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>
> On Sep 15, 2015, at 10:26 AM, Wurfel, Brad (DEQ) <Wurfelb@michigan.gov> wrote:
>
> > Caution that if Flint gets another allotment, we can expect every other large system in the state will be right on their heels. 15,000 homes in Flint is the estimate. That's a fraction of Detroit. ...
> > Perhaps this is an opportunity for Mott Foundation? Just a thought.
> > b
> >
> > Sent from my iPhone
> >
> > On Sep 15, 2015, at 9:52 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:
> >
> > > Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs

and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Muchmore, Dennis (GOV)
Sent: Wednesday, September 16, 2015 10:33 AM
To: Khouri, Nick (TREASURY)
Cc: Saxton, Thomas (Treasury); Workman, Wayne (TREASURY); Lyon, Nick (DCH); Wyant, Dan (DEQ); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB)
Subject: RE: Flint

Any additional information on this?

From: Khouri, Nick (TREASURY)
Sent: Tuesday, September 15, 2015 10:01 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Cc: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>
Subject: Re: Flint

Tom

Any state or federal subsidized financing available? Something similar in structure to combined sewer overflow?

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> Nice of Dayne Walling to work with us before he called yesterday to tell me he was going to announce to City Council last night that Flint needs and deserves $30M from the state for upgrades to their water system and a lead abatement program. Any thoughts on this?

From: Workman, Wayne (TREASURY)
Sent: Wednesday, September 16, 2015 10:40 AM
To: Muchmore, Dennis (GOV); Khouri, Nick (TREASURY)
Cc: Saxton, Thomas (Treasury); Lyon, Nick (DCH); Wyant, Dan (DEQ); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Roberts, John (DTMB)
Subject: RE: Flint

We will have an update later today from our call with the City yesterday.

Wayne L. Workman
Deputy State Treasurer
Michigan Department of Treasury

From: Muchmore, Dennis (GOV)
Sent: Wednesday, September 16, 2015 10:33 AM
To: Khouri, Nick (TREASURY) <KhouriN@michigan.gov>
Cc: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>
Subject: RE: Flint

Any additional information on this?

From: Khouri, Nick (TREASURY)
Sent: Tuesday, September 15, 2015 10:01 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Cc: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Lyon, Nick (DCH) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Roberts, John (DTMB) <RobertsJ9@michigan.gov>
Subject: Re: Flint

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From: Wurfel, Sara (GOV)
Sent: Thursday, September 24, 2015 10:09 AM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Gov comms agenda

Importance: High

Missing anything or any other changes?

Communications Update Meeting
Sept. 24 2015

Not Responsive

- Flint water

Not Responsive

Upcoming events

Not Responsive

Not Responsive

Interview s/request

Not Responsive

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397 office
PPI mobile
Twitter:@SaraLW

From: Murray, David (GOV)
Sent: Thursday, September 24, 2015 11:47 AM
To: Lasher, Geralyn (DCH); Minicuci, Angela (DCH); Eisner, Jennifer (DCH); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Hurley Hospital's bulletin regarding Flint water

Team,

Here's the media bulletin issued by Hurley Hospital in Flint about the lead blood levels press conference this afternoon. I've reached out to Hurley's communications team, which has promised to send me whatever it has shared with the media on an embargoed basis. I'll forward that as soon as I receive it.

Dave

HURLEY
MEDICAL CENTER

Contact: Rebecca Jensen
810-262-6143(office)
PPI (cell)
rjensen1@hurleymc.com
September 24, 2015

Media Alert

FOR IMMEDIATE RELEASE

WHO: **Genesee County Medical Community**, including Hurley Medical Center, Greater Flint Health Coalition, Mott Children's Health Center, Hamilton Community Health Network & Genesee County Medical Society

WHAT: Press conference to address medical community's concerns regarding lead levels in the city of Flint's water supply and appropriate precautionary measures.

WHEN: **3pm, Today, September 24th, 2015**

WHERE: Hurley Medical Center, Charles White Conference Center

Media Note: Please enter on the Sixth Avenue entrance and check in with front desk upon arrival to be escorted to the Charles White Conference Center.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

This Document is a Non-Responsive Attachment.

From: Wurfel, Sara (GOV)
Sent: Thursday, September 24, 2015 12:27 PM
To: Agen, Jarrod (GOV)
Subject: FW: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times

This issue is a MESS. Hurley (a respective, community resource and validator) will apparently say that lead blood levels have doubled since the city moved to Flint water.

DHHS gurus going through data and whatever this new reporting/methodology is now as this is not what we've seen, heard or been told of the testing to date.

-----Original Message-----
From: Hollins, Harvey (GOV)
Sent: Thursday, September 24, 2015 12:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Clayton, Stacie (GOV) <claytons3@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Re: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times

Senator Ananich has formed a new coalition to speak on the water issues in Flint. Hurley hospital will be a member of that coalition. This coalition may be competitive with the existing Clean Water Coalition where a lot of the grassroots types participate. Hurley will also work to get more residents water filters, and that may be apart of the announcement today.

> On Sep 24, 2015, at 11:37 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Harvey,
>
> We're hearing from MLive that Hurley Hospital has called a 3 p.m. press conference to discuss the lead levels in blood collected from children. I'm working to get the report from Hurley ASAP. Working with Geralyn on a response.
>
> Dave
>
> -----Original Message-----
> From: Hollins, Harvey (GOV)
> Sent: Thursday, September 24, 2015 11:36 AM
> To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
> Cc: Clayton, Stacie (GOV) <claytons3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>
> Subject: Re: New ACLU video gets tough with Flint officials over lead levels | Blogs | Detroit Metro Times
>
> Sarah--per our discussion yesterday, what is the status of announcing the DEQ action to address the water quality in Flint?
>
> -HH
>

>> On Sep 24, 2015, at 11:03 AM, Clayton, Stacie (GOV) <claytons3@michigan.gov> wrote:
>>
>>
>> http://m.metrotimes.com/Blogs/archives/2015/09/23/new-aclu-video-gets-tough-with-flint-officials-over-lead-levels
>>
>>
>> Stacie Clayton
>> Sent from my iPhone

From: Murray, David (GOV)
Sent: Thursday, September 24, 2015 1:56 PM
To: Hollins, Harvey (GOV); Lasher, Geralyn (DCH); Minicuci, Angela (DCH); Eisner, Jennifer (DCH); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Biehl, Laura (GOV); Brown, Jessica (GOV); Heaton, Anna (GOV)
Subject: Flint lead data
Attachments: Pediatric Lead Exposure Flint Water 092415 FINAL.pdf

Team,

Here's the data that will be presented at the Hurley Hospital press conference at 3 p.m. As you'll see, they are pointing to individual children, a very emotional approach. Our challenge will be to show how our state data is different from what the hospital and the coalition members are presenting today.

Dave

---------- Forwarded message ----------
From: **Andy Leavitt** <aleavitt@senatedems.org>
Date: Thu, Sep 24, 2015 at 1:41 PM
Subject: Data
To: Angela Wittrock <awittrock@senatedems.org>

Hey Angela,

Sorry for the delay. Dr. Mona Hanna-Attisha wanted to make a few changes to one of her slides.

Andy

PEDIATRIC LEAD EXPOSURE IN FLINT, MI: CONCERNS FROM THE MEDICAL COMMUNITY

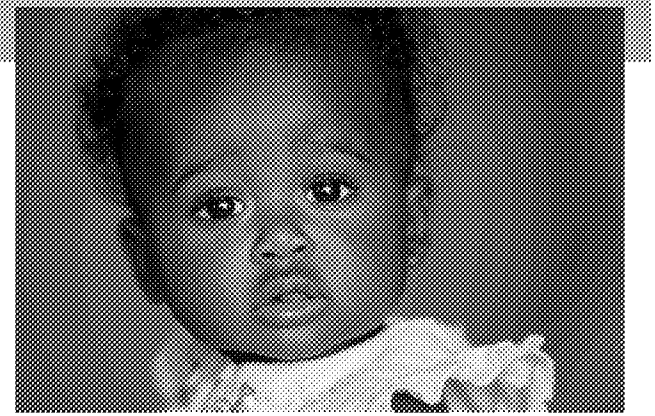
(this will not be written. I will introduce myself, Dr Reynolds can introduce himself and then I will say that we are here as a medical communtiy representing: GFHC, GCMS, Hurley Med Center, Hamilton Health Network)

THANK YOU'S

(this will not be written.

Thank you to Hurley for hosting this press conference, TY to grassroots organizers, prof Edwards and virginia tech, state and federal agencies involved in keeping our water safe, the city for being concerned and taking action, and health department for ensuring the safety of the entire population??

Introducing Makayla*



- 12 month old girl (DOB 8/15/2014) presented last week for her 1 year old check up. No concerns.
- Lives with single mom and 2 older siblings in west side (48504). Formula from WIC; powder mixed with warm tap water.
- Physical exam and development are normal. Makayla receives her 1 year old vaccines and routine lead and hemoglobin screening.
- *A couple days later, lead level comes back as 6 ug/dL.*

*Hypothetical scenario

Blood lead level of 6 ug/dL….

- Blood lead levels (BLL) above 5 ug/dL are considered elevated blood lead levels (EBL)
- Just a few years ago (2012), 10 ug/dL was cutoff
- Increasing evidence shows NO safe blood lead level
- Disproportionately impacts low income children
- Primary prevention is most important
  - Prevents exposure before it occurs!

Primary Prevention

- "Because no measurable level of blood lead is known to be without deleterious effects, and because once engendered, the effects appear to be irreversible in the absence of any other interventions, public health, environmental and housing policies should encourage PREVENTION of all exposure to lead."

"Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention." 2012 CDC Advisory Committee on Childhood Lead Poisoning Prevention.

What will happen to Makayla?

- Vast evidence supports increased likelihood of:
  - Decrease in IQ
    - An increase in BLL from 1 to 4 ug/dL, drops mean IQ -3.7 points
  - Small change in mean IQ, shifts entire population IQ distribution
    - Reduces high achievers IQs (>130) and increases kids with low IQs (<70)
    - Implications for early intervention, special education services, employment, incarceration, life achievement, etc

Lanphear BP et al., Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. Environ Health Perspect, 2005. 113:894-9.
Fewtrell LJ, Pruss-Ustun A, Landrigan P, and Ayuso-Mateos JL, Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. Environmental Research, 2004. 94:120-33.

Behavioral Burden

- Increased likelihood of :
  - ADHD behaviors
  - Delinquent behaviors and arrests
  - Total arrests and increased rates of arrests involving violent offenses
  - Other health effects: hematologic, cardiovascular, immunologic, endocrine, etc

Wright, JP, KN Dietrich, MD Ris, et al. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Med* 5(5): e101

Chen, A, B Cai, KN Dietrich, et al. 2007. Lead exposure, IQ, and behavior in urban 5-7 year-olds: Does lead affect behavior only by lowering IQ? *Pediatrics* 119(3): e650-e658.

Needleman, HL, C McFarland, RB Ness, et al. 2002. Bone lead levels in adjudicated delinquents: A case control study. *Neurotoxicology and Teratology* 24(6):711-717.

The Cost

- "For childhood lead poisoning, $5.9 million in medical care costs, as well as an additional **$50.9 billion** (sensitivity analysis: $44.8–$60.6 billion) per year in lost economic productivity resulting from reduced cognitive potential from preventable childhood lead exposure."

- "The present value of Michigan's economic losses attributable to lead exposure in the 2009 cohort of 5 year-olds ranges from $3.19 (using U.S. blood lead levels) to **$4.85 billion** (using Michigan blood lead levels) per year in loss of future lifetime earnings."

Leonardo Trasande and Yinghua Liu. Reducing The Staggering Costs Of Environmental Disease In Children, Estimated At $76.6 Billion In 2008. *Health Affairs*, 30, no.5 (2011):863-870

The Price of Pollution: Cost Estimates of Environment-Related Childhood Diseases in Michigan. 2010 Report by Michigan Network of Children's Environmental Health

Lead in Water

- Increasing as source of lead because of success in controlling other sources.
- Increasing due to aging water infrastructures, change in water sources, disinfectant uses, etc
- Lots of variability in water lead levels depending on internal and external pipes, use of water, temperature, etc

- Disproportionally impacts developmentally-vulnerable formula-fed infants and pregnant mothers
  - Formula preparation

Triantafyllidou, S., Gallagher. D. and Edwards, M. Assessing risk with increasingly stringent public health goals: the case of water lead and blood lead in children. Journal of Water and Health. doi: 10.2166/wh.2013.067 58-68 (2014).
Edwards, M. Fetal Death and Reduced Birth Rates Associated with Exposure to Lead-Contaminated Drinking Water. Env. Sci. and Tech. 2013 DOI: 10.1021/es4034952

Role of the Pediatrician

- Prevention of everything to optimize children's health
- Lead screening as recommended by CDC and AAP at 1 and 2 years of age
- Inquiry and advocacy

RESEARCH FINDINGS

Results of Pediatric Blood Lead Levels

- **Methods**
  - Data from all blood lead levels processed at Hurley Medical Center
  - HMC Institutional Review Board (IRB) approved
  - All children under 5 years of age
  - Zip codes 48501-48507
  - Two periods of comparison:
    - PRE-SWITCH: January 1, 2013 – September 15, 2013
      - **WATER SWITCH APRIL 2014**
    - POST-SWITCH: January 1, 2015 – September 15, 2015

Results of Pediatric Blood Lead Levels

- **Methods**
  - Analyzed % Elevated Blood Lead (EBL)
    - EBL = Blood lead Levels > 5 g/dL
  - EBL analysis conducted based on scientific literature (most notably DC lead in water exposure)

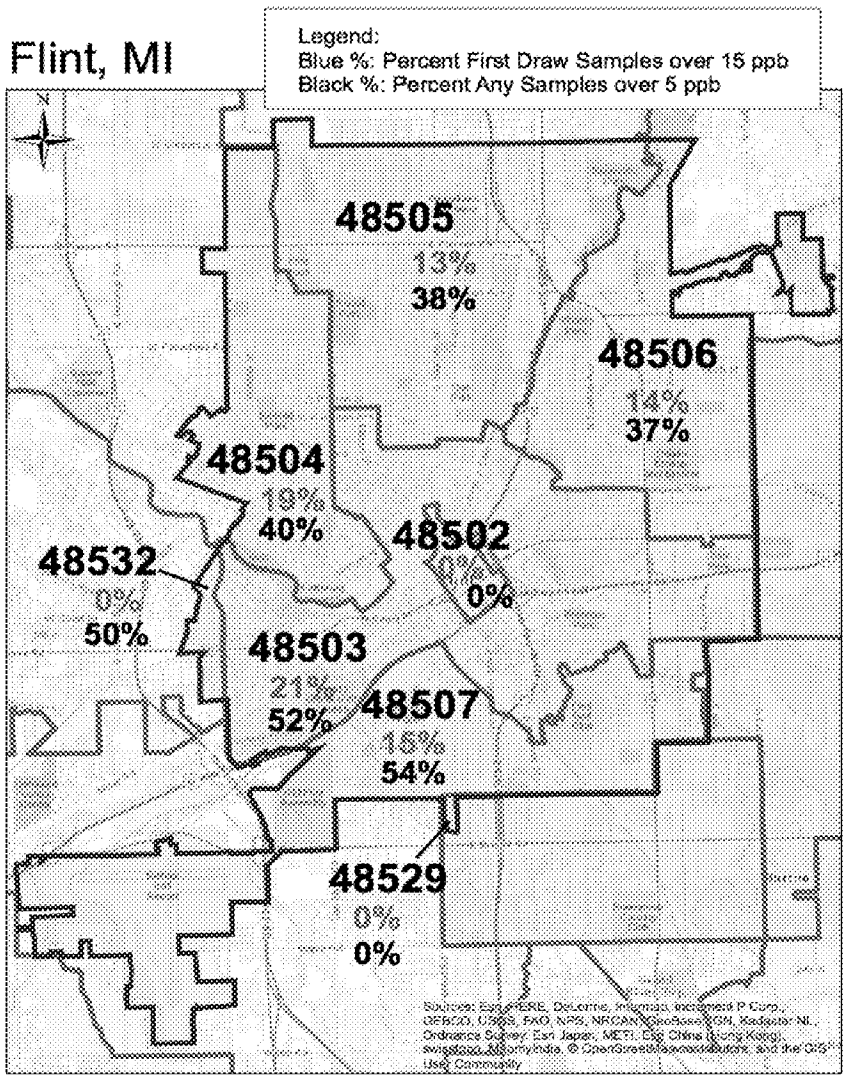
Blood Lead Level Analysis

- Large sample size
  - N= 1746 for Flint children (pre n=906, post n=840)
  - N= 1670 for non-Flint children (pre n=943, post n=727)

Flint results for children 5 years and under:

- PRE-SWITCH % EBL: **2.1%** **(consistent with MDHHS data 2.2)**
- POST-SWITCH % EBL: **4.0%**
- **$p < 0.05$; STATISTICALLY SIGNIFICANT CHANGE**

Zip Codes With High Water Lead



- Focus on zip codes (48503 and 48504) with high water lead levels
- Total n=742, pre n=394, post n=348

Results:

- PRE-SWITCH % EBL: **2.5%**
- POST-SWITCH % EBL: **6.3%**
- **$p < 0.05$; STATISTICALLY SIGNIFICANT CHANGE**

What was rest of county doing?

- Analysis of same time periods for Genesee County children who live outside of City of Flint zips codes (non 48501-48507)
  - N=1670 for non-Flint children (pre n=943, post n=727)

Non-Flint results for children 5 years and under:

- PRE-SWITCH % EBL: **0.6%**
- POST-SWITCH % EBL: **1.0%**
- **p = 0.637; NO STATISTICAL CHANGE**

Blood Lead Level Analysis

- % EBL all children less than 5 years of age

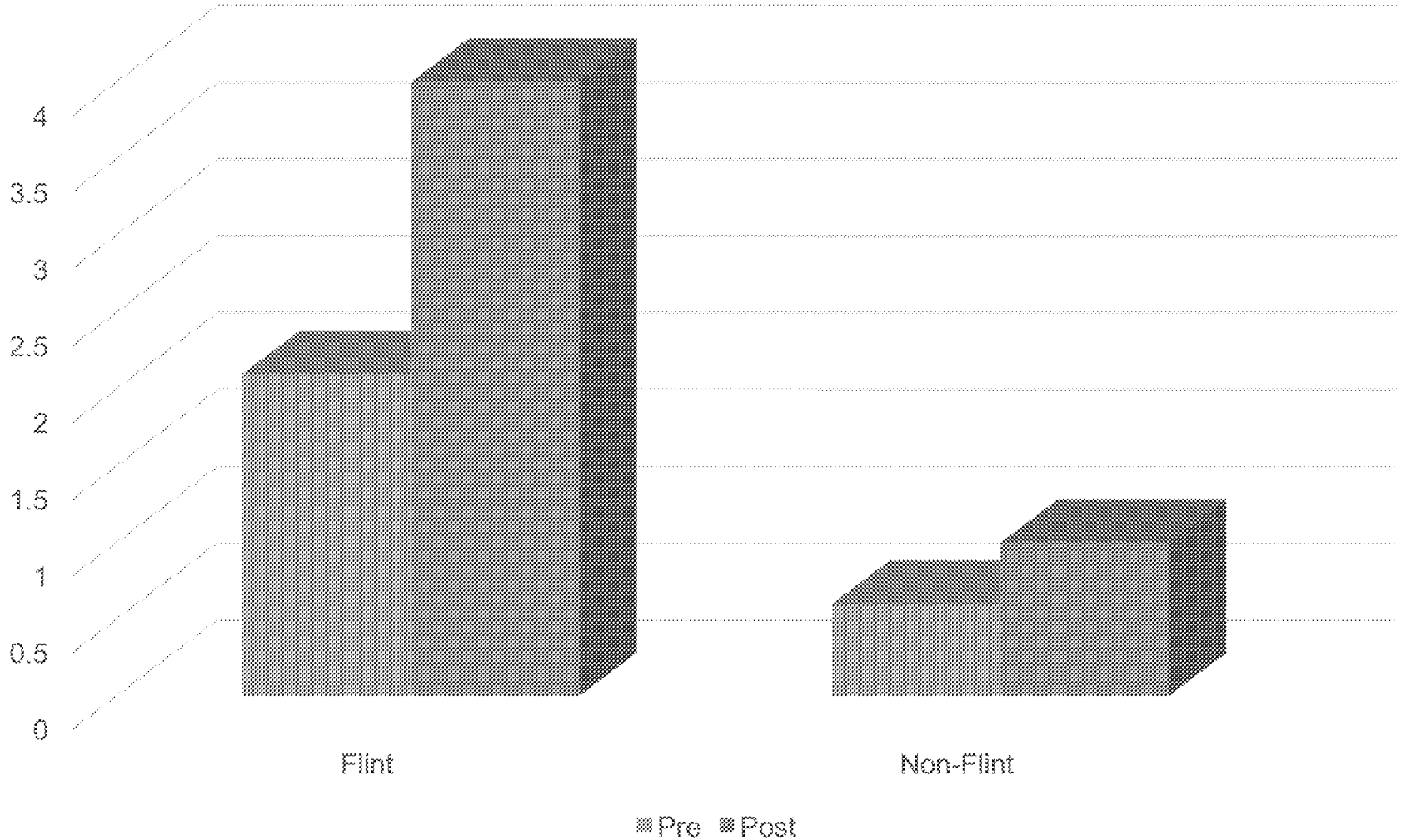
	ALL FLINT (n=1746)	HIGH-water lead FLINT (n=742)	REST OF FLINT (n=1004)	NON-FLINT (n=1670)
PRE-SWITCH	2.1%	2.5%	1.8%	0.6%
POST-SWITCH	4.0%	6.3%	2.4%	1.0%

Blood Lead Level Analysis – 15 month

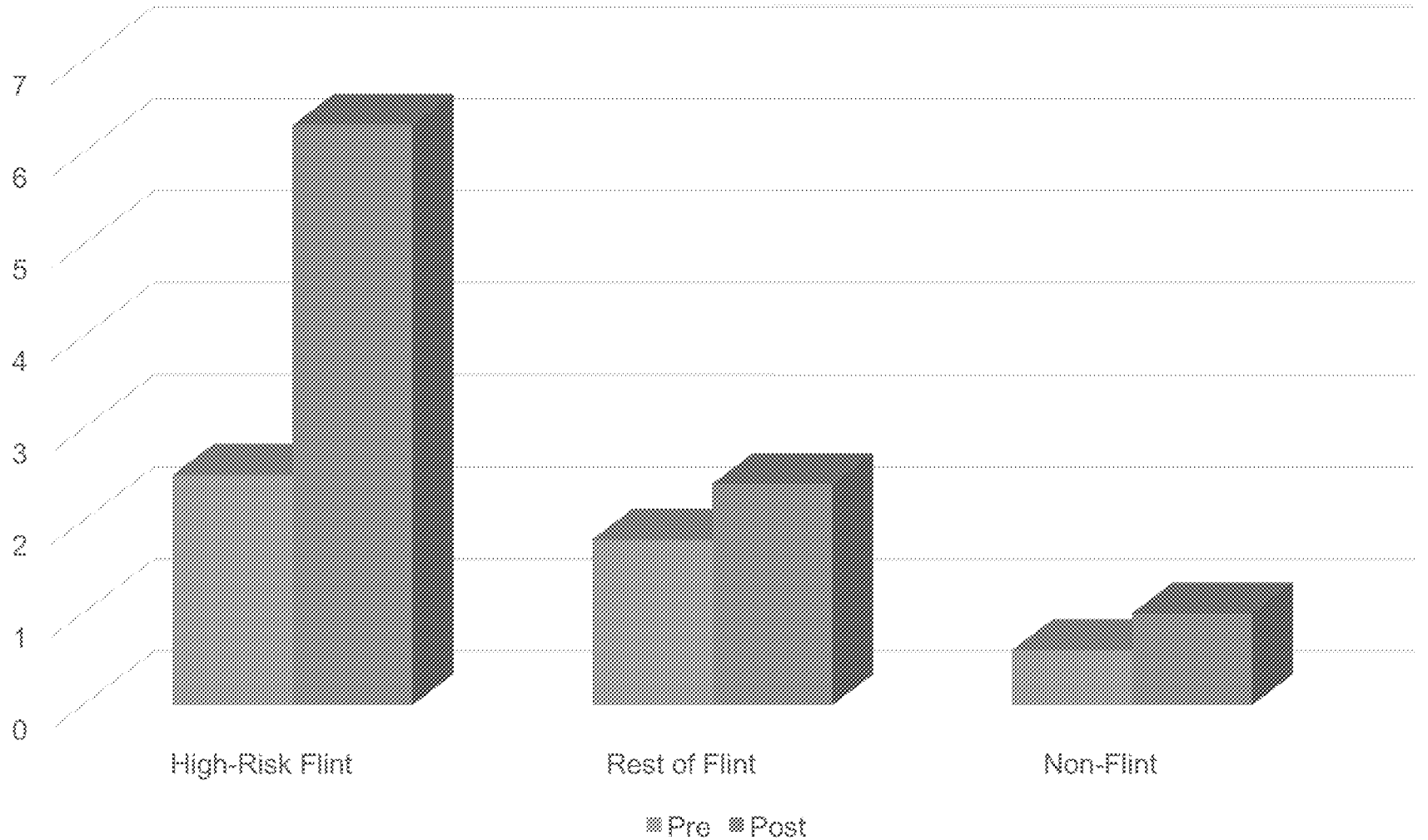
- % EBL children 15 months or less
  - Total Flint n=619, pre n=295, post n=324 (smaller sample size)
  - Total Non-Flint n=816, pre n=443, post n=376

	ALL FLINT (n=619)	HIGH-water lead (n=269)	REST OF FLINT (n=350)	NON-FLINT (n=816)
PRE-SWITCH	1.0%	1.5%	0.6%	0.5%
POST-SWITCH	2.5%	4.4%	1.1%	0.5%

Graphical Summary
Change in % EBL Flint vs Non-Flint



Graphical Summary
Change in % EBL by area



Conclusions from BLL analysis

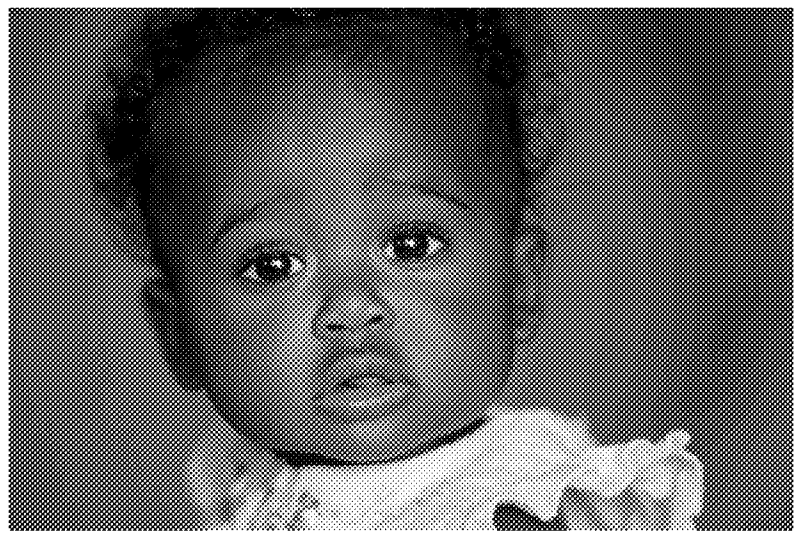
- Based on our research, % of children with EBL in Flint has increased
  - Most striking increase in zip codes with highest water lead levels
  - Also saw an increase in kids less than 15 months, sample small
- Results underestimate risk:
  - Infants not screened for lead
  - BLL may have peaked before being measured
  - Water usage has dropped

Recommendations

- AAP and CDC recommendation of primary prevention
- Limit further exposure
  - Encourage breast feeding
  - No tap water for high risk groups: infants on formula & pregnant mothers
  - Distribution of lead clearing NSF-approved filters
  - Public education regarding precautions (flushing, cold water, etc)
  - Connect to Lake Huron water source
- Support city's health advisory and health department's public education efforts

And Makayla…

- Asymptomatic now
- But what will her future hold and an entire generation of Flint children if we don't err on the side of safety?



From: Murray, David (GOV)
Sent: Thursday, September 24, 2015 9:44 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Fwd: Request for Phone Call with Congressman Kildee
Attachments: image001.gif

Just wanted to make you guys aware. My guess is that the call will lead to another round of stories.

Sent from my iPhone

Begin forwarded message:

> **From:** "Emmitt, Beth (GOV)" <emmittb@michigan.gov>
> **Date:** September 24, 2015 at 9:26:17 PM EDT
> **To:** "Dickinson, Jordan" <Jordan.Dickinson@mail.house.gov>
> **Cc:** "Rospond, Laurie (GOV)" <rospondl@michigan.gov>, "Mcbride, Bill (GOV)" <mcbrideb@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Subject: Re: Request for Phone Call with Congressman Kildee**
>
> Hi Jordan,
> The Governor is going to be traveling most of the day tomorrow, but we work to see if we can find a good time cell-wise and get back with you in the morning.
> Thanks,
> Beth
>
> On Sep 24, 2015, at 7:05 PM, Dickinson, Jordan <Jordan.Dickinson@mail.house.gov> wrote:
>
> > Hi Beth and Laurie,
> >
> > My boss would like to set up a phone call with Governor Snyder regarding the lead in the water in Flint. He would like to do it tomorrow if possible due to the immediacy of the problem. Please let me know if we can get something scheduled for tomorrow.
> >
> > Thank you,
> >
> > **Jordan Dickinson**
> > Legislative Assistant
> > Congressman Dan Kildee (MI-05)
> > 227 Cannon House Office Building
> > Washington, D.C. 20515
> > Phone: (202) 225-3611
> > www.dankildee.house.gov
> > <image002.gif> <image003.jpg> <image004.png>
> >
> > Sign up for Congressman Dan Kildee's e-newsletter

From: Murray, David (GOV)
Sent: Friday, September 25, 2015 12:42 PM
To: Agen, Jarrod (GOV)
Subject: FW: Questions About Flint Water

Jarrod,

The first question from this Flint television reporter might be the opening we are looking for. I know we're being RPA and careful, but can I use this as an opportunity to point out that the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor -- and that the EM was following the wishes of the local leaders?

It's not like the vote was a secret, and there are stories about it at the time. We've tread lightly there before, but her question allows us to state that accurately and openly. Can I go there?

Here question:

1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?

What do you think?

-----Original Message-----
From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Friday, September 25, 2015 12:24 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Questions About Flint Water

Hello! Below are the questions I'm requesting. It pertains to recent findings by Virginia Tech University and physicians at Hurley Medical Center that show elevated levels of Lead in the water. Particularly unsafe levels found in children's bloodstream in Flint. Both are blaming Flint River water as the cause for these levels. As they were compared to Lead blood levels in children prior to switching from the Detroit Water System to the Flint River.

1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?

2 - What kind of specific analysis was done before making those decisions. Not speaking to the financial analysis but rather the scientific study of what switching sources could potentially mean?

3 - There has been a big push from residents, nationally renown scientists and now the medical community to switch back to The Detroit Water System because it is less corrosive. In turn, reducing the amount of Lead in the system due to the highly corrosive Flint River Water. What would it take to do so given that under PA 436 the decision made under Earley cannot be reversed?

4 - Has he Governor been in contact with City of Flint officials regarding this matter?

5 - Flint Mayor Dayne Walling has requested financial support from the state in helping with what some are calling a Lead crisis. Is that something the Governor is considering? Given that the decision to switch off of Detroit was under the backing of the Department of Treasury i.e. Darnell Earley.

Thanks!
Jessica Dupnack

From: Murray, David (GOV)
Sent: Friday, September 25, 2015 12:45 PM
To: Agen, Jarrod (GOV)
Subject: RE: Questions About Flint Water

Excellent!

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Friday, September 25, 2015 12:44 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Questions About Flint Water

I think it's perfectly fair to say the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor.

Sent from my iPhone

> On Sep 25, 2015, at 12:41 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Jarrod,
>
> The first question from this Flint television reporter might be the opening we are looking for. I know we're being RPA and careful, but can I use this as an opportunity to point out that the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor -- and that the EM was following the wishes of the local leaders?
>
> It's not like the vote was a secret, and there are stories about it at the time. We've tread lightly there before, but her question allows us to state that accurately and openly. Can I go there?
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> What do you think?
>
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> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Friday, September 25, 2015 12:24 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Questions About Flint Water
>
> Hello! Below are the questions I'm requesting. It pertains to recent findings by Virginia Tech University and physicians at Hurley Medical Center that show elevated levels of Lead in the water. Particularly unsafe levels found in children's bloodstream in Flint. Both are blaming Flint River water as the cause for these levels. As they were compared to Lead blood levels in children prior to switching from the Detroit Water System to the Flint River.

>
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> 3 - There has been a big push from residents, nationally renown scientists and now the medical community to switch back to The Detroit Water System because it is less corrosive. In turn, reducing the amount of Lead in the system due to the highly corrosive Flint River Water. What would it take to do so given that under PA 436 the decision made under Earley cannot be reversed?
>
> 4 - Has he Governor been in contact with City of Flint officials regarding this matter?
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> 5 - Flint Mayor Dayne Walling has requested financial support from the state in helping with what some are calling a Lead crisis. Is that something the Governor is considering? Given that the decision to switch off of Detroit was under the backing of the Department of Treasury i.e. Darnell Earley.
>
> Thanks!
> Jessica Dupnack

From: Saunders, Kelli (GOV)
Sent: Tuesday, September 29, 2015 2:09 PM
To: Agen, Jarrod (GOV)
Subject: RE: Friday

He's leaving for India.

Kelli

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:09 PM
To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Friday

What's LG's availability on Friday?

We have a Flint water press conference at 1:30pm in Flint.
May need him there.

From: Saunders, Kelli (GOV)
Sent: Tuesday, September 29, 2015 2:10 PM
To: Agen, Jarrod (GOV)
Subject: RE: Friday

Not Responsive

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:10 PM
To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>
Subject: Re: Friday

Not Responsive

> On Sep 29, 2015, at 2:09 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
>
>
>
>
>
Not Responsive
> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Tuesday, September 29, 2015 2:09 PM
> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
> Subject: Friday
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> What's LG's availability on Friday?
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> We have a Flint water press conference at 1:30pm in Flint.
> May need him there.
>

From: Saunders, Kelli (GOV)
Sent: Tuesday, September 29, 2015 2:19 PM
To: Agen, Jarrod (GOV)
Subject: RE: Friday

Not Responsive

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:10 PM
To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>
Subject: Re: Friday

Not Responsive

> On Sep 29, 2015, at 2:09 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
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Not Responsive
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> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Tuesday, September 29, 2015 2:09 PM
> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
> Subject: Friday
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> What's LG's availability on Friday?
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> May need him there.
>

From: Wurfel, Sara (GOV)
Sent: Tuesday, September 29, 2015 2:34 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: Gov comms agenda

Importance: High

Missing anything? Need to tweak or delete anything?

Communications Update Meeting
Sept. 29 2015

Not Responsive

- Flint water

Not Responsive

Upcoming events

Not Responsive

Interviews/requests

Not Responsive

From: Saunders, Kelli (GOV)
Sent: Tuesday, September 29, 2015 2:37 PM
To: Agen, Jarrod (GOV)
Subject: RE: Friday

Not Responsive

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:32 PM
To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>
Subject: Re: Friday

Not Responsive

> On Sep 29, 2015, at 2:18 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
>
> Not Responsive
>
> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Tuesday, September 29, 2015 2:10 PM
> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>
> Subject: Re: Friday
>
> Not Responsive
>
>
>
>> On Sep 29, 2015, at 2:09 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
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> Not Responsive
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>> -----Original Message-----
>> From: Agen, Jarrod (GOV)
>> Sent: Tuesday, September 29, 2015 2:09 PM
>> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
>> Subject: Friday
>>
>> What's LG's availability on Friday?
>>
>> We have a Flint water press conference at 1:30pm in Flint.
>> May need him there.
>>

From: Brown, Jessica (GOV)
Sent: Tuesday, September 29, 2015 4:49 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: CMEAA Scrum Transcript
Attachments: 150929.CMEAASCRUM.docx

Attached if needed. Covers Not Responsive has one Q on Flint water.

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: PPI
BrownJ53@michigan.gov

CMEAA SCRUM
September 29, 2015

Not Responsive

Reporter: There seems to be a difference in the interpretation of some of the data. Do you believe that the water in Flint is contributing to higher lead levels in the children there?

Gov: Well we are doing a lot of work on that. Actually I have a large team of people working on the Flint water issue as we speak. What I would say is, during the course of the week and earlier next week, hopefully we will be coming out with more public action steps that have been ongoing and will be discussing more steps to take in the future. I take it as a serious issue about the Flint water issue. Leads a serious issue, so again we're spending a lot of time and effort looking at that and hoping to partner with the people in Flint on that issue.

Not Responsive

From: Wurfel, Sara (GOV)
Sent: Wednesday, September 30, 2015 8:34 AM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV)
Subject: FW: Flint water

Please see below. Not sure what status of our outreach and plans on water filters is? Perhaps we were involved in this GM effort indirectly or directly already. That said, there may be value in combining or coordinating.

Let's talk, please. Want to make sure we're all on same page internally first.

Thanks!
SW

-----Original Message-----
From: Brian O'Connell [mailto:brian.oconnell@gm.com]
Sent: Wednesday, September 30, 2015 8:00 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Flint water

Sara,
We understand the Governor is going to make an announcement today about Flint water. Can you tell me anything? We are in the process of making a large donation to the community in support of water filters. We do not want to get cross with anyone. I will keep information confidential.

Sent from my iPhone

Nothing in this message is intended to constitute an electronic signature unless a specific statement to the contrary is included in this message.

Confidentiality Note: This message is intended only for the person or entity to which it is addressed. It may contain confidential and/or privileged material. Any review, transmission, dissemination or other use, or taking of any action in reliance upon this message by persons or entities other than the intended recipient is prohibited and may be unlawful. If you received this message in error, please contact the sender and delete it from your computer.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 10:07 AM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: RE: Flint

Not yet, but hopefully will be. Think got Dennis and Harvey on same page about tying in other HHS/Hurley news to part of action plan on Friday's announcement. DEQ and DHHS teams trying to finalize policy and messaging drafts now for review. 1:30 p.m. mtg to walk through details and see where at.

Not Responsive

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 9:46 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Flint

Are we good on plan to discuss lead levels tomorrow?
If you need me to chime in, let me know....

If you have any messaging that you want G to review on the plane, just shoot it over.

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 12:01 PM
To: Agen, Jarrod (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: RE: Flint

I thought the answer was yes, but now not so sure. We should know by late afternoon.

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 10:47 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Re: Flint

Question from the G:
Can we definitively say that no WATER tests have ever shown levels that are above the Federal/EPA standards?

I think Dan alluded to this in the meeting when he said we were testing at 11 and the federal mark is 15 or above. But Gov wants to know if we can make the claim above.

> On Oct 1, 2015, at 9:06 AM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:
>
> Not yet, but hopefully will be. Think got Dennis and Harvey on same page about tying in other HHS/Hurley news to part of action plan on Friday's announcement. DEQ and DHHS teams trying to finalize policy and messaging drafts now for review. 1:30 p.m. mtg to walk through details and see where at.
>

Not Responsive

> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Thursday, October 01, 2015 9:46 AM
> To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>
> Subject: Flint
>
> Are we good on plan to discuss lead levels tomorrow?
> If you need me to chime in, let me know....
>
> If you have any messaging that you want G to review on the plane, just shoot it over.
>
>

From: Wurfel, Sara (GOV)
Sent: Thursday, October 01, 2015 1:49 PM
To: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Lasher, Geralyn (DHHS); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS)
Cc: Murray, David (GOV)
Subject: Genesee Co Board of Commissioners press conference

Urging declaration Gov to declare state of emergency

Genesee county board sets press conference discussing Flint's water crisis
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_board_to_hold_p.html

Sent from my iPhone

From: Muchmore, Dennis (GOV)
Sent: Thursday, October 01, 2015 3:15 PM
To: Hollins, Harvey (GOV); Wyant, Dan (DEQ); Lyon, Nick (DHHS); Agen, Jarrod (GOV)
Subject: City of Flint - September 2015 Letter - Reconnection to DWSD.pdf
Attachments: City of Flint - September 2015 Letter - Reconnection to DWSD.pdf; ATT00001.txt

CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
OFFICE OF THE DIRECTOR

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
WWW.DETROITMI.GOV

September 30, 2015

Via email: nhenderson@cityofflint.com
and U.S. Mail

Ms. Natasha L. Henderson, City Administrator
City of Flint
1101 S. Saginaw St.
Flint, Michigan 48502

Dear Ms. Henderson:

Thank you for your inquiry regarding the possibility of reconnecting the City of Flint to the Detroit Water and Sewerage Department's (DWSD) Water Supply system. Director McCormick has asked me to respond to you and provide a brief outline of the basis for that reconnection. However, I want to again emphasize what Ms. McCormick has previously stated to your City Council on this issue: DWSD is willing to sit down and talk with the City of Flint without pre-condition, if that is mutually desirable.

I would be remiss if I did not point out that on June 12, 2015, the City of Detroit and the Great Lakes Water Authority (GLWA) executed a Lease Agreement that provides for the GLWA's operation of the Regional Water Supply System. At present, we are transitioning management of the system from DWSD to the GLWA while certain Conditions Precedent of the Lease Agreement are satisfied. We have made substantial progress towards satisfying these Conditions Precedent with a goal of having GLWA commence full system operations on or before January 1, 2016. I can assure you that, like DWSD, the GLWA is concerned with the challenges Flint's residents have faced in recent months, and will be willing to discuss service to your City.

That said, here is a likely list of issues that would need to be addressed:

1) Rates: In Sue McCormick's January 12, 2015 letter to Flint, she indicated that the rates Flint would pay for the remainder of the then current 2014-2015 Fiscal Year (FY) would be "the same rates Flint was paying as a terminated customer when it left the system but modified to include the 4% increase experienced by all other DWSD wholesale customers in 2014." As we are now in the 2015-16 FY, that offer must be modified to include an additional adjustment similar to that which was received by other customers. In this regard we propose that the rates be adjusted as follows:

a) Starting with the 2013-2014 FY terminated rate; and

b) Adding a 4% adjustment to that rate to account for the 2014-2015 FY increases; and

c) Adding an adjustment equal to the average Suburban Wholesale Charge Adjustment for the current 2015-2016 FY. This rate would remain in place until June 30, 2016, the end of the current 2015-2016 FY.

d) Based upon the above considerations, the resulting rate structure is a fixed monthly rate of $662,100 and a commodity rate of $8.93/Mcf for the current 2015-2016 FY. Please note that this rate structure is designed to be applicable to incremental water sales over and above water sales to the Genesee County Drain Commission. Depending on how water is provided to the combined GCDC/Flint customer, alternative rate structures may be appropriate.

e) Additionally, DWSD recently changed its wholesale customer billing methodology as follows: Flint's calculated share of the FY 2016 Budget is allocated 60% to the Fixed Monthly Charge and 40% to the Commodity Charge, which is consistent with the adopted FY 2015-2016 water wholesale rates

f) In extending this proposal, our assumption is that the service provided is to Flint only and computations are based on data from our previous customer relationship.

g) It is anticipated that under the management of the GLWA, the rates for the 2016-2017 FY will be computed using the same methodology as applied to all other Water Supply System customers.

The proposed rate methodology is intended to ensure that Flint is treated fairly by using the average wholesale customer adjustment in the current Fiscal Year, and the same methodology as all other customers.

2) Term: DWSD understands that Flint's current long-term desire is to receive water service from the KWA. Under these circumstances, Flint would be expected to remain a DWSD customer from the time of reconnection until the time it begins to receive service from KWA. If Flint wishes to consider a longer term relationship with DWSD or GLWA, we would welcome that discussion.

3) Reconnection: As previously indicated by Ms. McCormick in her January 12, 2015, letter, DWSD will not charge an additional fee for Flint to reconnect to the DWSD Water System, and is prepared to immediately take those steps necessary on its end to facilitate a reconnection. Any expenses incurred would be billed at actual cost. Because DWSD lacks sufficient information on the status of the disconnection, we are unable to provide an estimate of those costs at this time. Nonetheless, we will work with you in good faith to develop an expedited plan for reconnection, and to develop a mutually agreed good faith estimate of the costs associated with that plan.

Thank you for raising this issue with us. We hope that this letter addresses the concerns you raised during your recent conversation with Ms. McCormick, and we sincerely appreciate your interest and the opportunity to serve Flint.

Finally, we look forward to the opportunity to meet with you at your earliest convenience to discuss this letter, and how we may best assist Flint in serving its residents' needs. Please contact Ms. McCormick's office at (313) 224-4701 to arrange this meeting.

Best Regards,

William M. Wolfson
Chief Administrative and Compliance Officer/General Counsel, DWSD
Interim General Counsel, GLWA

This Document is a Non-Responsive Attachment.

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 6:24 PM
To: Murray, David (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Biehl, Laura (GOV); Heaton, Anna (GOV)
Subject: RE: Revised DRAFT Flint water action plan. Please review!
Attachments: FlintWater_ActionPlan_100115.pdf; FlintWater_Tips_100115.pdf

Attached are the most recent versions of the 1-pagers

Josh

From: Murray, David (GOV)
Sent: Thursday, October 01, 2015 6:19 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Revised DRAFT Flint water action plan. Please review!

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Collaborative effort with state, federal and city leaders focuses on testing, assistance

FLINT, Mich. – Flint residents need to have access to safe, clean, water now and long into the future, Gov. Rick Snyder said, announcing a comprehensive action plan created with state, federal and city leaders to address concerns about drinking water.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or connections might experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Department of Environmental Quality, and the Department of Health and Human Services, the U.S. Environmental Protection Agency, and the City of Flint.

"People are worried about their health and their families, and they need to have accurate information and know that help is available," Snyder said. "Today's action plan builds upon ongoing work with state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents can feel safe and address potential problems."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
- Expanding health exposure testing of individual homes.
- Offering free water testing to Flint residents to assure their drinking water is safe.
- Accelerating an optimization of corrosion controls in the Flint drinking water system.
- Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- Accelerating water system improvements to address replacing lead service lines.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
- Providing water filters to residents with concerns or who are included in state assistance programs.
- Creating a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.
- Expediting the completion of the Karegnondi Water Authority pipeline.

Residents can have their water tested by calling 810-787-6537 and pressing 1, or emailing flintwater@cityofflint.com. Additional information is available at www.michigan.gov/flintwater.
State leaders have been working closely with state and federal lawmakers to tap resources at all levels of government to address concerns.

State health experts said there has been an increase in elevated childhood blood lead levels in some specific communities. Initial analysis of MDHHS data found that blood lead levels of children in Flint have followed an expected seasonal trend. While this analysis for Flint as a whole remains true, a comprehensive and detailed review breaking down data by ZIP codes with the city revealed that MDHHS data is consistent with a study presented recently by Hurley Children's Hospital.

"While we cannot conclusively say that the water source change is the sole cause of the increase, this analysis supports our efforts as we take active steps to reduce all potential lead exposures in Flint," MDHHS Director Nick Lyon said. "As part of this, we are working closely with our public and private partners to provide Flint residents on MDHHS assistance programs with water filters and educate families about the steps they can take to reduce all lead exposures in their home."

As a part of the action plan, MDHHS is making National Sanitation Foundation certified water filters available to clients who are active Family Independence Program, Food Assistance Program, Child Development and Care or Social Security Insurance recipients.

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," DEQ Director Dan Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

###

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- The Action Plan -

- Testing in Flint public schools immediately to ensure that **drinking water is safe**, with testing also available at no cost to any other school in Flint.
- **Expanding health exposure testing** of individual homes.
- **Offering free water testing** to Flint residents to assure their drinking water is safe.
- **Accelerating an optimization of corrosion controls** in the Flint drinking water system.
- **Expanding a Safe Drinking Water Technical Advisory Committee** to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
- **Accelerate water system improvements** to address replacing lead service lines.
- Expediting the completion of the **Karegnondi Water Authority** pipeline.
- Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the **Flint drinking water public health adviser**.
- **Providing water filters** to residents with concerns or who are included in state assistance programs.
- Creating a **comprehensive lead education program** to make sure residents have detailed information about how to protect themselves and their homes.

To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1.
You can also email flintwater@cityofflint.com

Visit www.mi.gov/FlintWater for more information

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- Tips for Flint Residents -

Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.

1. Get your water tested at no cost to ensure water is safe. **To get your water tested**, please call the city of Flint Water Plant at (810) 787-6537 and then press 1.

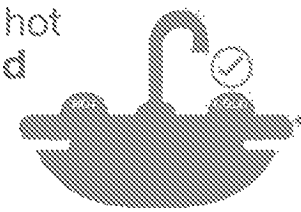
2. To ensure safe drinking water, you can also get a free filter. Please visit **mi.gov/FlintWater** to find where you can get a free filter.

3. If faucets have not been used for an extended period of time, lead particles in drinking water from plumbing can be elevated. **Flushing your pipes prior to using them** can minimize your exposure.

To flush your pipes, run the water until it gets as cold as it will get. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 3 minutes if you have not used any water in hours.

In the City of Flint, **running the water for 5 minutes costs between 3 and 15 cents.**

4. Additionally, more lead gets into hot water than cold water. **Use only cold water for drinking, cooking and making baby formula.**



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From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 7:21 PM
To: Paciorek, Josh (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Re: Infographics/1-pagers

I like it. But can we turn this bullet into English:
"Accelerating an optimization of corrosion controls."

Put in simply terms what that means.

On Oct 1, 2015, at 4:15 PM, Paciorek, Josh (GOV) <Pacioreki@michigan.gov> wrote:

> Attached are the final versions that will be in his briefing.
>
> Josh
>
> Josh Paciorek
> Social Media Manager | Governor Rick Snyder
> O: 517-373-4845 | C: PPI
> @JoshPaciorek
>
> <FlintWater_ActionPlan_100115.pdf>
> <FlintWater_Tips_100115.pdf>

From: Paciorek, Josh (GOV)
Sent: Thursday, October 01, 2015 7:43 PM
To: Agen, Jarrod (GOV)
Cc: Wurfel, Sara (GOV)
Subject: RE: Infographics/1-pagers
Attachments: FlintWater_ActionPlan_100115.pdf

Attached is the revised version. But I was told that "corrosion controls" is the correct way to describe it though, so if we changed that it would technically be incorrect. I took out optimization though because that makes it a little easier to understand.

Thoughts?

From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 7:21 PM
To: Paciorek, Josh (GOV) <Pacioreki@michigan.gov>
Cc: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
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From: Agen, Jarrod (GOV)
Sent: Thursday, October 01, 2015 7:43 PM
To: Paciorek, Josh (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Re: Infographics/1-pagers

ok. send me both in clean email.

On Oct 1, 2015, at 4:42 PM, Paciorek, Josh (GOV) <Paciorekj@michigan.gov> wrote:

> Attached is the revised version. But I was told that "corrosion controls" is the correct way to describe it though, so if we changed that it would technically be incorrect. I took out optimization though because that makes it a little easier to understand.
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> **From:** Agen, Jarrod (GOV)
> **Sent:** Thursday, October 01, 2015 7:21 PM
> **To:** Paciorek, Josh (GOV) <Paciorekj@michigan.gov>
> **Cc:** Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>
> **Subject:** Re: Infographics/1-pagers
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> I like it. But can we turn this bullet into English:
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> On Oct 1, 2015, at 4:15 PM, Paciorek, Josh (GOV) <Paciorekj@michigan.gov> wrote:
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> >
> > <FlintWater_ActionPlan_100115.pdf>

<FlintWater_Tips_100115.pdf>
<FlintWater_ActionPlan_100115.pdf>

From:	Murray, David (GOV)
Sent:	Friday, October 02, 2015 10:19 AM
To:	Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Agen, Jarrod (GOV); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Tommasulo, Karen (DEQ); Kennedy, Jordan (GOV)
Subject:	MLive guest column with DHHS edits
Attachments:	3 DM Mlive guest column 092015 (Autosaved).docx

This is the new version with DHHS edits. Thank you, everyone, for your help.

By Nick Lyon and Dan Wyant

People in Flint – and all of Michigan – need to know that that then they turn on the faucet, the water they drink and bathe their children with, is safe and clean.

Flint residents have been hearing concerning news about the municipal water supply for more than a year. We're working to help Flint leaders address and fix short- and long-term problems with the city's water infrastructure.

A recent announcement by local doctors that blood lead levels are rising in children residing in Flint's most at-risk ZIP codes added to the state's knowledge and sparked some additional precautionary measures.

The state takes lead seriously. Although continued analysis is being conducted, the MDHHS analysis is consistent with the local finding.

State agencies also are working in collaboration with the federal and Flint leaders to get residents accurate information to ease their fears.

Gov. Rick Snyder directed the Michigan Department of Environmental Quality and the Department of Health and Human Services to work with the U.S. Environmental Protection Agency to create a comprehensive action plan to build our knowledge about lead in Flint, better protect the community and restore public confidence in the regulatory framework.

We're testing the water in all of our schools so we know that our children are safe.

We're testing residences at no charge and expanding health exposure testing so families can be confident about the water coming into their homes.

We're providing faucet filters to Flint homes. The state is investing $1 million on this effort, building on the generosity and support of community groups and donors.
We're accelerating corrosion controls in the Flint drinking water system.

We're increasing the pace of water system improvements to address replacing lead service lines.

We're expediting the completion of the Karegnondi Water Authority pipeline.

We're expanding the Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the U.S. EPA's Office of Research and Development.

The DHHS's chief medical executive, Dr. Eden Wells, has been designated Flint's drinking water public health adviser.

We're also boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

That's key, because the lead in question does not come from the Flint River. The water leaving the drinking water plant is clean and safe. The water traveling through the distribution system also is free of lead.

The lead issues happen when the water reaches homes that have lead service lines or lead plumbing. This is important to know for two reasons: Contamination happens at the homeowner level, it is very difficult to track precisely.

And, the longer water sits in lead pipes, the more lead it takes on, so homes on the same block might have very different results from lead testing, based on what kind of plumbing they have and how homeowners use their water.

All of the measures in the action plan build on efforts that have been underway for the last year. State agencies have been working with the city on a variety of issues and approaches to correct Flint's water infrastructure challenges.

That's because the health and safety of Flint residents – and people across our state – is our first priority.

More information about the action plan and lead is available at Michigan.gov/FlintDrinkingWater. People interested in getting their homes tested for free should call (810) 787-653, then press 1.

Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

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Nick Lyon is the director of the Michigan Department of Health and Human Services and Dan Wyant is the director of the Michigan Department of Environmental Quality.

From: Scott, Allison (GOV)
Sent: Friday, October 02, 2015 10:34 AM
To: Wyant, Dan (DEQ); Agen, Jarrod (GOV)
Subject: Fwd: Mott foundation wants to talk to the Governor

You guys can discuss on the call but I though it might be best doe DAN to speak with him today and the hob cal on Monday

Thoughts?

Sent from my iPhone

Begin forwarded message:

> **From:** Helen Taylor <htaylor@TNC.ORG>
> **Date:** October 2, 2015 at 7:05:35 AM PDT
> **To:** "Allison Scott (scotta12@michigan.gov)" <scotta12@michigan.gov>
> **Cc:** Dan Wyant <wyantd@michigan.gov>
> **Subject: Mott foundation wants to talk to the Governor**
>
> Allison—
> I just got a call from Ridgway White, President of the C.S. Mott Foundation, and he wants to speak to the Governor about the Flint water supply issue. I am sure you know who they are, but to be sure, Ridgway kayaked with Rick on the Two Hearted, they put tens of millions into Flint every year, are based there, and likely to be willing to help resolve the problem.
> He wasn't sure who to call to get that call scheduled, I told him I would do that through you, and he wanted to call you right away. I wanted to give you a heads up so you take the call. It would be wise for the Governor to this.
> So you recognize the call and email when it comes in, his contact info is: rwhite@mott.org PPI
> PPI
> I also reminded him that Dan is a key person in this and am giving him Dan's info, but it is clear that he wants to talk to the Governor.
>
> I'll call your cell to be sure you see this—I think he is hoping to connect today. Let me know if you receive this and I hope it is ok to give Ridgway your info? Yes? Helen

Helen Taylor
State Director, Michigan
Great Lakes Project Board of Directors

htaylor@tnc.org
(517) 316-2261 (Office)
PPI Mobile)
(517) 316-9886 (Fax)

The Nature Conservancy
101 E. Grand River Avenue
Lansing, MI 48906

nature.org

From: Murray, David (GOV)
Sent: Friday, October 02, 2015 3:11 PM
To: Agen, Jarrod (GOV)
Subject: Re: Freep Editorial

That's incredible. We had a discussion with the Flint Journal today about breaking the embargo that will need to go higher as well.

Sent from my iPhone

> On Oct 2, 2015, at 3:05 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
>
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>
> http://www.freep.com/story/opinion/editorials/2015/10/02/flint-vindication----snyder-more-questions/73207200/

From: Muchmore, Dennis (GOV)
Sent: Friday, October 02, 2015 3:17 PM
To: Agen, Jarrod (GOV)
Subject: FW: 3 @ 3: State water plan falls short of protecting Flint without Detroit connection

Not Responsive

From: MLive | Lansing [mailto:mlive.com_newsletters@update.mlive.com]
Sent: Friday, October 2, 2015 3:04 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: 3 @ 3: State water plan falls short of protecting Flint without Detroit connection

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Lansing 3@3
Friday, Oct 2, 2015

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State water plan falls short of protecting Flint without Detroit connection

MLive/Flint Journal opinion

Anything short of reconnecting to the Detroit Water system is a continued failure of local, state and federal officials.

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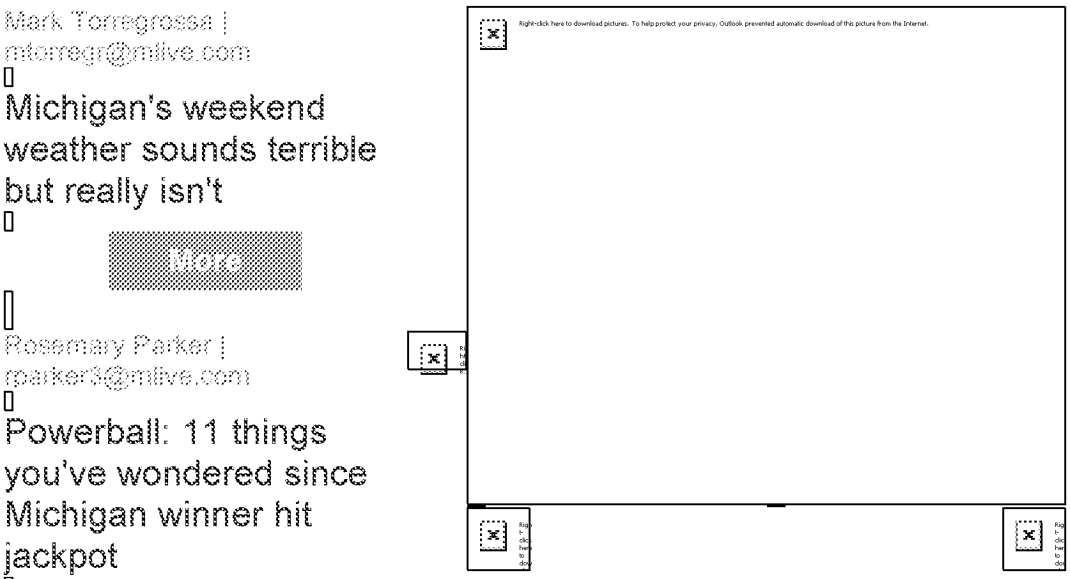

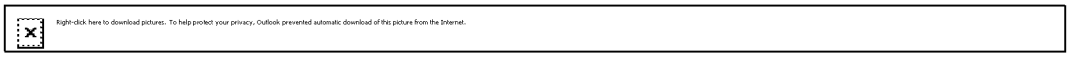

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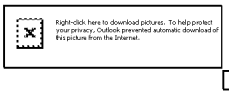

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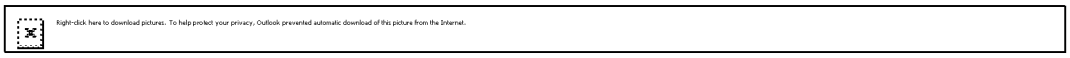

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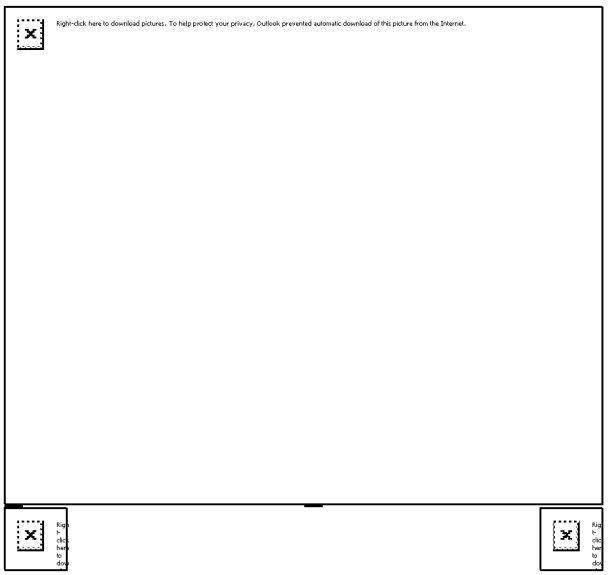
State water plan falls short of protecting Flint without Detroit connection



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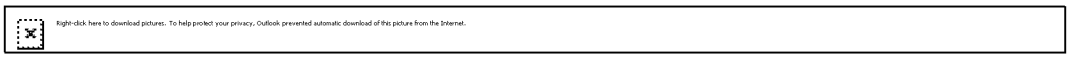

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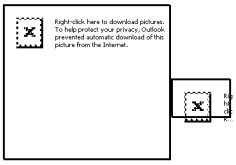

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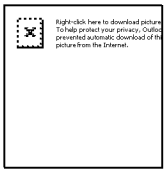

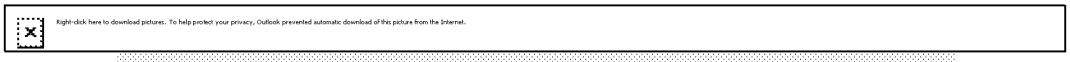

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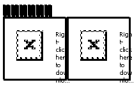

<

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 3:20 PM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: Re: Freep Editorial

Not Responsive

Sent from my iPhone

> On Oct 2, 2015, at 3:05 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
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>
> http://www.freep.com/story/opinion/editorials/2015/10/02/flint-vindication----snyder-more-questions/73207200/

From: Wurfel, Sara (GOV)
Sent: Friday, October 02, 2015 4:52 PM
To: Paciorek, Josh (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: Flint water website

Much thanks for your work on this, Josh.

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 1:05 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water website

The website is now live.

www.mi.gov/FlintWater

From: Paciorek, Josh (GOV)
Sent: Friday, October 02, 2015 11:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water website

Hey team--

DEQ is finishing the Flint water website currently so that it can be live at 1 PM.

Here are screenshots currently of the page. They're still waiting for the final press release to include.

The initial description is from Karen at DEQ. The resources listed are my infographics and lead information from DHHS. There's also information from DHHS regarding the free water filters.

Please let me know what else we need to include and what changes are needed. The website will be www.mi.gov/FlintWater

Thanks

Josh

Flint Drinking Water Action Plan

- Flint Drinking Water Action Plan

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TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

On Friday, October 2, 2015, Gov. Rick Snyder announced a comprehensive action plan created with state, federal and city leaders to address concerns about Flint drinking water so that residents have access to safe, clean, water now and long into the future. The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality (DEQ) and Health and Human Services (DHHS), the U.S. Environmental Protection Agency, and the city of Flint.

To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1. You can also email flintwater@...

News Updates

News Updates

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns; Collaborative effort with state, federal and city leaders focuses on testing, assistance

Flint Drinking Water Resources

Flint Water Action Plan - This ten point plan outlines the steps the State of Michigan is taking on Flint water.

Tips for Flint Residents - Simple steps residents can take to minimize lead in drinking water.

Lead Screening & Testing for Safe, Healthy Kids

Blood Lead Level Quick Reference for Primary Care Providers

Parent Handout - Is Your Child Safe from Lead Poisoning?

Free Water Filters

* Obtaining Free Water Filters

To ensure safe drinking water, the state of Michigan is providing water filters for free.

1) Governor Snyder has identified $1 million in funding to secure filters for Flint residents.
2) The Michigan Department of Health and Human Services will provide filters for free to Flint DHHS clients* in 25,000 households.
3) Working with United Way, community partners, and corporate sponsors to secure additional filters and distribute them.

Please check mi.gov/FlintWater for regular updates regarding water filters for Flint residents.

*The eligible programs are: Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA) or Social Security Insurance (SSI) recipients.

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From: Wisniewski, Wendy (GOV)
Sent: Monday, October 05, 2015 2:55 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: Document re Flint
Attachments: 20151005142352484.pdf

Dennis asked me to send you this document.

Received from Flint Coalition

Copy to JA/JC

COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis

September 30, 2015 Articles

As results of our collaborative research with Flint residents exposed widespread problems with elevated levels of lead in Flint's water, the Michigan Department of Environmental Quality (MDEQ) repeatedly attempted to discredit our findings and downplay the public health threat. For example, MDEQ's Communications Director Brad Wurfel wrote to The Flint Journal's Ronald Fonger:

"...the state DEQ is just as perplexed by Edwards' results as he seems to be by the City's test results. When I said we were unsure how the Virginia Tech team got its results, that's not the same as being surprised that they got them. ...this group specializes in looking for high lead problems. They pull that rabbit out of that hat everywhere they go. Nobody should be surprised when the rabbit comes out of the hat, even if they can't figure out how it is done.....while the state appreciates academic participation in this discussion, offering broad, dire public health advice based on some quick testing could be seen as fanning political flames irresponsibly. Residents of Flint concerned about the health of their community don't need more of that."

Now that Dr. Mona Hanna-Attisha and Hurley Medical Center researchers have revealed that the rising levels of lead in Flint water have been associated with increased blood lead of Flint's

children, our early health advice has been vindicated by most accounts. But MDEQ still dismisses the water controversy as "near-hysteria,"and characterizes the Hurley study conclusions as ***"unfortunate"*** if not quite***"irresponsible."***

Given MDEQ's insistence that there is absolutely nothing wrong with Flint water, we have created a timeline that illustrates how MDEQ's mistakes and deception created the Flint Water Crisis in the first place. Our analysis relies on e-mails and documents obtained through Freedom of Information Act (FOIA) requests by the American Civil Liberties Union-Michigan (ACLU of Michigan) and FlintWaterStudy.org.

All FOIA documents are provided at the end of this article for review.

Phase 1. MDEQ Fails to Require Corrosion Control for Flint River Water (April 2014)

Effective July 1998, the federal Lead and Copper Rule (LCR) has required that all large public water systems maintain a program to control levels of lead in drinking water from corrosion. Moreover, the law also requires the City of Flint to have a state approved plan, with enforceable regulatory limits for "Water Quality Parameters" including pH, alkalinity and/or corrosion inhibitor dose measured in the water distribution system.

MDEQ never required Flint to have a corrosion control program, nor did it set water quality parameters for the new Flint River source water. While MDEQ asserts that they are acting proactively to get a corrosion control program in Flint, there is

no provision in the LCR that allows for corrosion control to ever be interrupted.

As a direct result of this mistake, Flint residents have been completely unprotected from elevated lead in water from the moment the switch to Flint River water was made. This has created a conflict of interest for MDEQ ever since. Specifically, MDEQ's failure to require a corrosion control program is what created the Flint water crisis in the first place–they now have a vested interest in covering up the problem.

Phase 2. MDEQ misinforms the USEPA about Flint's Corrosion Control (February-March 2015)

Even if we assume MDEQ was confused about its obligations under the LCR, when problems with high lead started to crop up in February 2015, they should have quickly acted to correct the mistake. Samples with high lead were reported at the University of Michigan-Flint Campus, and on February 26, 2015 Mike Glasgow (City of Flint) did excellent detective work discovering high lead (over 100 ppb) in water samples from Flint resident Lee-Anne Walters' home.

Ms. Walters immediately forwarded her results to representatives of USEPA Region 5, who in turn immediately forwarded the results to Stephen Busch and Mike Prysby (MDEQ) with the subject line "**HIGH LEAD: FLINT Water testing Results**" The EPA e-mail correctly informed MDEQ that Ms. Walters' high lead was likely due to "***... the different chemistry water...leaching out contaminants from the insides of...the pipes.***"But MDEQ denied to EPA that that Flint had a lead in water problem.

At that point, EPA Region 5 lead-in-water expert Miguel Del Toral asked MDEQ a question through another EPA employee:

"Miguel was wondering if Flint is feeding Phosphates. Flint must have Optimal Corrosion Control Treatment- is it Phosphates?"

On February 27th, 2015, MDEQ's Stephen Busch unequivocally and falsely responded to EPA that:

"The City of Flint...Has an Optimized Corrosion Control Program <and> Conducts quarterly Water Quality Parameter monitoring at 25 sites and has not had any unusual results."

Reassured by MDEQ's false statement, Del Toral ended USEPA's February conversation with MDEQ by stating:

"If I remember correctly, Detroit is feeding PO4 for the LCR, but since Flint is no longer part of that interconnection, I was wondering what their <Optimal Corrosion Control> was. They are required to have <Optimal Corrosion Control> in place which is why I was asking what they were using."

On March 18, 2015, Lee-Anne Walters' home was retested after flushing her system thoroughly. This time the test result came back even worse with 397 ppb lead– almost 40 times higher than the World Health Organization 10 ppb safety threshold. EPA Region 5 forwarded the results to MDEQ, with a query ***"Any thoughts on how to respond to her? I'm running out of ideas."***

MDEQ's response, delivered in a voicemail to Del Toral on March 19, 2015, stated that***MDEQ had investigated and found Ms. Walters' high lead was due to lead sources in her plumbing***. On March 27, 2015, Walters' son, who had been having health problems, was tested for lead in his blood. The blood lead results came back high– well over the 5 ug/dL CDC threshold of concern.

Phase 3. Walters and Del Toral Investigate the Veracity of MDEQ Statements (April to June 2015)

With good reason, Lee-Anne Walters did not accept the MDEQ's explanation to Del Toral for the high lead in her water. The internal plumbing had been stolen from the house before it was purchased, and they had installed new (lead free) plastic plumbing before moving in.

Walters also checked up on the MDEQ statement that Flint had "an Optimized Corrosion Control Program." She called the City of Flint, and city officials correctly informed her that there was no program at all.

Walters then passed this alarming information along to EPA's Del Toral, who on April 23rd e-mailed MDEQ, and again asked what corrosion control program Flint was using. It was only then that MDEQ finally acknowledged that there was NO program. Concerned due to the very high occurrence of lead service lines (LSLs) in Flint, on April 27th Del Toral wrote an EPA Region 5 internal e-mail stating:

"Flint has not been operating any corrosion control treatment, which is very concerning given the likelihood of LSLs in the City."

That night Del Toral also stopped at Walters' house on a trip north, and personally inspected her plumbing first hand. He confirmed it was plastic and lead-free. Del Toral also dropped off sample bottles at the Walters' home, and told her that if she wanted an analysis to contact Professor Marc Edwards (the author of this article and Principal Investigator of FlintWaterStudy.org) at Virginia Tech.

The next morning Edwards talked Walters through an intensive 30 bottle sampling protocol. When the bottles were returned to Virginia Tech and analyzed, Edwards and his senior research scientist Dr. Jeff Parks were stunned by the results. The average lead in was 2,429 ppb lead, the high was 13,200 ppb, and even after 25 minutes flushing the water never dropped below 200 ppb. After Walters told Del Toral about the high lead results, he drove back to Flint, just in time to observe the City replacing the service line to Walters' home. He personally collected a sample of the pipe and verified it to be pure lead.

In a follow-up memo dated June 24, 2015, which was sent to both Walters and Edwards, Del Toral outlined numerous concerns about the situation regarding the serious lead corrosion problem in Flint. *He included a clear recommendation that the USEPA investigate whether the City of Flint was in compliance with federal laws for lead corrosion control.*

Phase 4. MDEQ "Handles" the LCR Report, ACLU-Michigan, Virginia Tech and Miguel Del Toral (July to August 2015)

> **"Revising" the Original LCR Report.** In spite of all the problems documented with lead in Flint water from February to June 2015, Flint and MDEQ took a lackadaisical approach to the federally required LCR sampling program. Specifically, just 5 days before the June 30th deadline to collect the 100 samples that MDEQ required, the City had only collected 39 samples.

Adam Rosenthal (MDEQ) e-mailed Mike Glasgow at the City of Flint:

"We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they will be below the AL for lead. As of now with 39 results, Flint's 90th percentile is over the AL for lead."

In the next five days the City collected 30 samples, all of which were below the action level, and did not reach the 100 sample target. If all 71 submitted samples had been considered valid, the City would have exceeded the 15 ppb action level. *Federal law would then require that Flint residents be provided information about how to protect themselves and their children from lead in water. MDEQ's failure to install corrosion control would have been flagged as an obvious mistake. But none of that happened.*

Instead, the MDEQ "revised" the City's original LCR report, invalidating two high lead results, so that the 90%'ile was under the 15 ppb action level. The validity of samples showing low lead in the City's sampling was never questioned. This is a problem,

because the City has now admitted that they do not know which homes had lead pipe, even though it is stated in writing in the report that all sampled homes had lead pipe. By law, at least 50 percent of the homes sampled must be verified to have lead pipe, and the remainder of homes sampled must have been built before 1986 and known to have lead solder. There is no basis for believing that this requirement was met in either the 2014 or 2015 LCR sampling events conducted by the City. Hence, the City of Flint has not had a valid LCR sampling event since the switch to Flint River water.

MDEQ then lowered the minimum number of required samples from 100 to 60, making it look like the City of Flint had met the target. MDEQ also did not question the City's open acknowledgement that homes from 2014 had not been re-sampled, or that high risk (Tier 1) sites were not used.
The original report, due July 10th, was also late by several weeks. All of these violations of federal law were glossed over, to make it appear that the City had passed its lead testing with flying colors. Just like that, according to MDEQ at least, the City of Flint had no LCR violations at all.

> **ACLU-Michigan FOIA**. The timing by which the "revised" LCR report was created, is also of interest. On July 22, 2015, the ACLU-Michigan submitted a FOIA to MDEQ, requesting the City of Flint's LCR report supposedly due on July 10, 2015. The City's original LCR report with all the obvious problems is dated July 28, 2015. MDEQ never provided the ACLU-Michigan with the original LCR report. Instead, they created the scrubbed revised report, on August 20, 2015, and sent that report to ALCU-Michigan (from the City of Flint) the next day. In the

comments section of the report, Flint openly states ***"Revised report after conference call with DEQ staff. Two samples were removed from list for not meeting sample criteria, and due to population the number of samples was reduced to 60."***

> MDEQ to FlintWaterStudy.org FOIA: What conference call? On September 9, 2015, Virginia Tech submitted a FOIA to MDEQ explicitly requesting records and minutes of the conference call between DEQ staff and Flint cited in the revised LCR report. This FOIA request has been denied by MDEQ, because ***"Your request does not include the date/time of the conference call and who from the Department of Environmental Quality participated on the conference call."*** FlintWaterStudy.org immediately appealed the withholding of documents related to the conference call to the State of Michigan. On September 28th, our appeal was denied. We may commence a civil action if we do not agree with the decision.

> Handling Miguel Del Toral. MDEQ obviously had a major problem on its hands with EPA's lead-in-water expert Miguel Del Toral. On August 4th 2015, Lee-Anne Walters and Melissa Mays met with MDEQ officials to discuss Flint's lead in water problems. The MDEQ officials participating in the meeting were identified by Mays and Walters, as Liane Shekter-Smith (Chief of the Office of Drinking Water and Municipal Assistance), Stephen Busch and Brad Wurfel.

According to Walters and Mays, Shekter-Smith bragged that ***"Mr. Del Toral has been handled,"*** and that Flint residents would not be hearing from him again. Moreover,

MDEQ asserted that Mr. Del Toral's interim memo detailing the many problems with Flint's (non-existent) corrosion control program ***"would never be finalized."*** Just yesterday, NPR released a slightly different, but enlightening version of Wurfel's take on Del Toral and the memo:

MDEQ spokesman Brad Wurfel says the report was the work of a "rogue employee," and promised the final report — not yet released — would tell a much different story.

Mays and Walters vividly recall Wurfel, smirking or laughing, whenever they expressed concern about elevated lead in Flint's water. Looking back on the exchange yesterday, Mays stated ***"It is shocking how their refusal to admit they made a mistake, trumped the dangers their actions pose to Flint's children."***

Angered, Lee-Anne Walters then called Edwards, and informed him that Del Toral would no longer be working on Flint water issues, and the two discussed the clear implication that EPA bureaucrats had intervened to prevent Del Toral from further exposing MDEQ's numerous blunders and the health threat to Flint residents. She further stated that ***"It is too late for my son, but I will not stand by and let this happen to another other innocent child in Flint."***

Clearly, the MDEQ, City of Flint and even the USEPA (with the obvious exception of Del Toral) have proved themselves unworthy of the public trust. Flint residents have been left to fend for themselves, when it comes to dealing with the dangers of high lead in their water.

FlintWaterStudy was launched an hour after the phone call from Ms. Walters, to help the citizens of Flint deal with the lead-in-water crisis that MDEQ created, and to correct any false statements by uncaring agencies that have left Flint's children in harm's way.

FOIA Documents:

Emails between MDEQ, USEPA, and Ms. LeeAnne Walters:

From: Biehl, Laura (GOV)
Sent: Monday, October 05, 2015 3:17 PM
To: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Please advise: Extra 5K water

So as a result of less people coming out to the 5K for the rescheduled date… we have tons of extra water and granola bars left. Kelli is arranging for the LG to take the granola bars to United Way or something like that but I wanted to check in with you guys before we do the same with the water. With everything with Flint water right now, I wanted to be extra cognizant of the optics of us donating a ton of water anywhere.

Should we just donate the water to a food bank here locally and/or should the LG be involved? I was worried about the optics of our administration donating water anywhere right now.

Here's the water we have left:

30 full cases (24 bottles each) of water
Approx. 3 cases worth of loose water bottles
10 2.5 gallon jugs of water

Laura

From: Saunders, Kelli (GOV)
Sent: Monday, October 05, 2015 1:07 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Stroud, Michael (GOV) <StroudM@michigan.gov>
Cc: Alexander, Kaitlyn (GOV) <AlexanderK9@michigan.gov>; Tolfree, Nickolas (GOV) <TolfreeN@michigan.gov>
Subject: RE: Post-5K inventory

Not Responsive

From: Biehl, Laura (GOV)
Sent: Thursday, October 01, 2015 4:43 PM
To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Stroud, Michael (GOV) <StroudM@michigan.gov>
Subject: FW: Post-5K inventory

Not Responsive

Not Responsive

From: Lasher, Geralyn (DHHS)
Sent: Monday, October 05, 2015 3:19 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Priest, Chris (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Murray, David (GOV)
Cc: Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Kennedy, Jordan (GOV); Hertel, Elizabeth (DHHS)
Subject: Release on Flint
Attachments: Flint Filters Press Release 10515.pdf

Importance: High

Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.

At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.

Locally, the groups will be issuing a press release from the local health department discussing distribution, but we feel it is important to also send this from MDHHS.

We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 5, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

Water filters available for MDHHS clients in Flint beginning Tuesday

LANSING, Mich. – Free water filters will be available to current Michigan Department of Health and Human Services clients and Flint residents at four locations beginning Tuesday, October 6, at 9 a.m. through a partnership between the MDHHS and the Genesee County Community Action Resource Department. Free National Sanitation Foundation certified water filters are being provided to Flint residents as part of the administration's comprehensive approach to addressing water concerns in the area.

Current MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location to obtain a free, certified home water filter. Residents who are not currently enrolled in MDHHS assistance programs should visit the Genesee County Community Action Resource Department offices located at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.

"Ensuring that families in the Flint area have access to resources that will help reduce the potential for lead exposure is our top priority," said Nick Lyon, director of the MDHHS. "I want to thank our partners who have mobilized to make water filters available – a point that highlights the importance of continued collaboration at the local, state and federal level as we move forward."

MDHHS clients in the city of Flint who are active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients should bring valid identification and a copy of their water bill to their local MDHHS office to receive their filter free of charge. Flint residents who are not active MDHHS clients should bring identification and their water bill to the GCCARD location.

Although blood lead levels throughout the city of Flint have remained steady, last week, MDHHS data was found to be consistent with a recent Hurley Children's Hospital study indicating increased blood lead levels in children residing in two Flint ZIP codes after a 2014 change in water source. While lead paint remains the number one cause of lead poisoning in Michigan, the recent data prompted MDHHS to take action to reduce potential lead exposures through water sources.

MDHHS is urging parents in Flint and throughout the state to do their part in preventing elevated blood lead levels in children. For more information about steps you can take now, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and available resources, visit www.michigang.gov/flintwater.

# # #

From: Wurfel, Brad (DEQ)
Sent: Monday, October 05, 2015 4:24 PM
To: Lasher, Geralyn (DHHS)
Cc: Wurfel, Sara (GOV); Priest, Chris (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV); Murray, David (GOV); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Kennedy, Jordan (GOV); Hertel, Elizabeth (DHHS)
Subject: Re: Release on Flint

Thanks G!

Sent from my iPhone

On Oct 5, 2015, at 3:18 PM, Lasher, Geralyn (DHHS) <lasherg@michigan.gov> wrote:

> Attached is the draft release we would like to issue ASAP regarding the new plan for water filter distribution in the city of Flint.
>
> At a meeting with multiple community partners today, our local MDHHS office realized they could do distribution from the 2 Flint offices as long as the local community action agency could assist them in storing the larger quantities of filters.
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>
> We are happy to discuss this with Ron Fonger if you want him to be the first press call we make once we issue it.
>
> <Flint Filters Press Release 10515.pdf>

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 06, 2015 9:17 AM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV); Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: FW: PRESS RELEASE: Kroger & Al Serra Water Donations
Attachments: Kroger & Al Serra Water Donation.pdf

FYI

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Tuesday, October 06, 2015 8:34 AM
Subject: PRESS RELEASE: Kroger & Al Serra Water Donations

For Immediate Release

Kroger Donates 19 Palettes of Bottled Water to Mayor Dayne Walling who Plans to Donate it to Flint Community Schools, Al Serra Auto Plaza to Hold Water Donation Drive to Help Flint Senior Centers

Flint, Michigan – October 6, 2015 – Mayor Dayne Walling has received a donation from Kroger grocers of 19 palettes of water to help those in the community struggling with water. The Mayor has in turn donated that water to the Flint Community Schools for distribution to students. In addition to the Kroger donation, Al Serra Auto Plaza of Grand Blanc has announced plans to hold a month long bottled water donation drive to collect water for distribution to Flint's two Senior Centers as well as the Flint Community Schools. Details on that donation drive will be available at Al Serra's Facebook page today.

"Our children are a top priority given the effects lead can have on their development," said Mayor Walling. "Any bottled water donations we receive will be used for our children and other high risk groups, such as our seniors. We continue to recommend that residents follow the instructions of the Genesee County Health Department concerning lead in drinking water."

The City has been working with local aid agencies to provide water relief to Flint residents. Last week the City worked with the United Way of Genesee County to provide residents with water tap filters and gave away over 3,000 of them on Saturday, October 3, 2015 at the UM-Flint Recreation Center. On Friday it also was announced by the State of Michigan that $1 Million has been allocated to providing residents with water filters.

–END–`

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

Dayne Walling
Mayor

Natasha L. Henderson
City Administrator

Jason Lorenz
Public Information Officer
Office: (810) 237-2039
Cell: PPI
jlorenz@cityofflint.com

For Immediate Release

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–END–

From: Emmitt, Beth (GOV)
Sent: Tuesday, October 06, 2015 10:55 AM
To: Murray, David (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Sara (GOV)
Subject: RE: Flint

http://www.mlive.com/news/flint/index.ssf/2015/10/whats_next_for_water_filter_di.html

This Friday afternoon he could visit one of the sites, talk to the CEO of United Way.

-----Original Message-----
From: Murray, David (GOV)
Sent: Tuesday, October 06, 2015 10:53 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Emmitt, Beth (GOV) <emmittb@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Re: Flint

I think this is a good idea. One think we keep hearing is that the governor is not involved or is detached. The Mike Thompson cartoon in the Freep last week is getting a lot of mileage on social media.

This would be good to show he's there and cares. And if we don't announce until he's there we can avoid the protests -- and still get the optics.

Sent from my iPhone

> On Oct 6, 2015, at 10:49 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
>
> Don't forward or spread this around, but give me your take.
> I think we may need to get G into Flint this week.
> Unpublicized, but public. Filter distribution, testing visit, discussion with Superintendent, etc...
> (And probably again next week.)
>
> We should at least present the option of what a potential visit would look like.
>
> Can you think about it and let me know how we'd do it.
> I know it would require blowing up a day or part of a day.
>
>

From: Scott, Allison (GOV)
Sent: Tuesday, October 06, 2015 10:56 AM
To: Agen, Jarrod (GOV)
Subject: Re: Flint/Dan call

Sure

Sent from my iPhone

> On Oct 6, 2015, at 10:29 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:
>
> I'm very concerned that things will get worse before they get better in Flint.
> Have not discussed with anyone, but we may need to get the Gov into Flint for a manageable event (filter distribution, testing visit, etc..) -- maybe even multiple visits.
> I'd like to join him for the call with Wyant today and get both their thoughts.
>
>
>

From: Ruestman, Alexa (GOV)
Sent: Tuesday, October 06, 2015 11:33 AM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV)
Subject: PHONE MESSAGE: Stephanie Parkinson - NBC 25 Flint

Name: Stephanie Parkinson
Outlet: NBC 25 Flint
Email: sparkinson@sbgtv.com
Phone: 810-247-1276
Re: Flint Water, filter giveaway
"We have been told that the filters given out in Flint are good for 100 gallons, what are people supposed to do once they surpass that limit?"
Deadline: this afternoon

Alexa Ruestman
Communications Intern
Executive Office of the Governor
RuestmanA@michigan.gov

From: Steve Arwood (MEDC) <arwoods1@michigan.org>
Sent: Tuesday, October 06, 2015 5:02 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Cc: Tedder, Greg (LARA); Hendges, Jeremy (LARA); Brown, Melanie (LARA)
Subject: Flint

Watching this issue and wondering if they need short term financial assistance for infrastructure. Probably could help there, but not sure what all the issues are. We can take a look at anything that may be needed. Let us know.

STEVE ARWOOD, DIRECTOR
STATE OF MICHIGAN | TALENT AND ECONOMIC DEVELOPMENT
ARWOODS1@MICHIGAN.ORG | LANSING: 517-241-1400

TALENT AND ECONOMIC DEVELOPMENT

Steve Arwood
Chief Executive Officer
Michigan Economic Development Corporation
300 N. Washington Square | Lansing, MI 48913
Office: 517.241.1400
Arwoods1@michigan.org

This message contains information which may be confidential and privileged. Unless you are the intended recipient (or authorized to receive this message for the intended recipient), you may not use, copy, disseminate or disclose to anyone the message or any information contained in the message. If you have received the message in error, please advise the sender by reply e-mail, and delete the message. Thank you very much.

From: Shaler, Karen (DEQ) on behalf of Wyant, Dan (DEQ)
Sent: Tuesday, October 06, 2015 5:05 PM
To: Scott, Allison (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Dickinson, Sarah (GOV)
Subject: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

The Flint Drinking Water Action Plan was announced on October 2, 2015. It included the following:

- Testing in Flint public schools immediately
- Offered free water testing to Flint residents
- Provided free water filters to residents with concerns or who are included in state assistance programs
- Expanding health exposure testing of individual homes
- Accelerating corrosion controls in the Flint drinking water system
- Accelerating water system improvements to address replacing lead service lines
- Expediting the completion of the Karegnondi Water Authority pipeline
- Expanding a Safe Drinking Water Technical Advisory Committee
- Named Dr. Eden Wells as the Flint drinking water public health advisor
- Boosted a comprehensive lead education program

Testing in Flint Public Schools Immediately

Samples were taken on October 2 and were received at DEQ laboratory over the weekend. Test results to date indicate 37 samples tested, 4 of which exceeded a federal action level, and 1 of those 4 was a significant outlier. We will be compiling detailed information about which schools and area codes the test results came from and will be providing that information in our next update.

We have met with DHHS, and we are working on developing response protocols, a communications plan, and guidance for schools when this data is reported.

Offered Free Water Testing to Flint Residents

We have received 4 sets of samples from Flint that represent individual residents. We will be compiling the total number and the results of those samples and reporting in a future report.

Provided Free Water Filters to Residents with Concerns or Who are Included in State Assistance Programs

DHHS held organizational meetings in Flint on October 5, and filter distribution by DHHS started on October 6. Nick Lyon in DHHS is taking the lead in filter distribution.

Expanding Health Exposure Testing of Individual Homes

Dr. Wells and Dan Wyant have been in conversations about a protocol for exposure testing. Dr. Wells will take the lead on developing the protocol.

Accelerating Corrosion Controls in the Flint Drinking Water System

A conference call was held with U.S. EPA Regional Administrator Susan Hedman and national corrosion control experts. We asked two questions:

1. **Which is a safer water source – DWSD or Flint River?**
2. **If you don't have an opinion on the safer source, what criteria should we use for an evaluation?**

EPA staff would not commit to a preference, but their evaluation of the criteria clearly lead to the conclusion that DWSD was a safer water source. EPA committed to submitting technical assistance to the Safe Drinking Water Technical Advisory Committee (Advisory Committee) meeting, which will be held on October 7 at 2:00 p.m. in Flint City Hall.

DEQ met with the Flint Mayor, the city manager, and their water staff. Flint agreed to expediting corrosion controls. We discussed the agenda for the Advisory Committee meeting. The Advisory Committee will be asked to evaluate two respective water sources at their Wednesday meeting.

We expect the Advisory Committee to recommend the water source that would address not only lead safety but also other water safety issues.

Accelerating Water System Improvements to Address Replacing Lead Service Lines

Conversations with Congressman Kildee and EPA have clarified the state would be allowed to use Drinking Water Revolving Loan funds to replace private drinking water service lines. Senator Ananich has been approached to introduce language clarifying the state's authority.

Expediting the Completion of the Karegnondi Water Authority Pipeline

Dan Wyant has talked to Genesee County Drain Commissioner Jeff Wright. Mr. Wright has provided a list of issues that would help expedite the completion of the Karegnondi Water Authority pipeline. They include truck weight and frost law exemptions, talent identification, and expediting permits.

Expanding a Safe Drinking Water Technical Advisory Committee

EPA has appointed their national technical expert to the Advisory Committee, and we have appointed Alfred Franzblau, M.D., Professor of Environmental Health Services, University of Michigan, to the Advisory Committee.

Named Dr. Eden Wells as the Flint Drinking Water Public Health Advisor

Boosted a Comprehensive Lead Education Program

Other Updates

- Dan Wyant was interviewed on October 6 by CBS Evening News during filter distribution in Flint. Questions asked were:
    - Was it a mistake to go to Flint River water?

Answer: We draw water from the surface waters; we treat it to safe drinking water standards. At issue is lead exposure. Lead exposure must be addressed. Actions are being taken to address the issue.

- Did you put kids at risk?
  Answer: Lead exposure is a serious issue, and steps need to be taken to limit lead exposure.
- Why did it take so long?
  Answer: DEQ has been there from the beginning addressing the issue of Flint water. Recent tests justify and require the actions taken. Action steps address short-term, intermediate, and long-term lead issues to ensure public safety and confidence of the drinking water.

- Dan Wyant also spoke to the Governor about Flint funding needs. A meeting is scheduled for October 7 at 8:00 a.m. to further discuss proposals.
- What we are telling Flint citizens is:
  - Have your water tested
  - Use only cold water for drinking, cooking, and preparing formula
  - Run water before use if it has not been used for several hours
  - Obtain a water filter approved for lead removal
  - Purchase lead-free plumbing components
  - Remove entire lead service lines

From: Zimmer, Mike (LARA)
Sent: Tuesday, October 06, 2015 6:25 PM
To: Clement, Elizabeth (GOV); Agen, Jarrod (GOV)
Subject: Flint

I am scratching my head a bit over what LARA could do to assist in the Flint situation. I can think of a couple things, but they are pretty tangential:

1) MIOSHA: The bureau has a lab - I have reached out to Martha Yoder, the bureau director, to see if they have water testing capabilities.
2) BCC: We can do inspections (and permitting) upon request - like we tried to do in the Detroit demo project. Irv Poke, the bureau director there, has already talked to DEQ about some pipe inspection in Flint schools, but we may be able to go farther if there is a need.
3) MAE/PSC: Really can't think of anything, but they have lots of weird programs, so I have reached out to Val for suggestions.
4) Organization: The Flint situation could benefit from a "all hands on deck" working group like that we have done for the last several years with winter fuels. Mostly the same cast of characters with a few departmental additions and a switch in the impacted interest groups. If Dan (or someone else) wants to run lead, I could loan Karen Towne to either staff/organize the meetings/calls or train the department staff person on the template of how these work. She is pretty experienced in organizing this kind of thing.

Will keep thinking, but that's all I can come up with on short notice.

Mike

Sent from my iPad

From: Zimmer, Mike (LARA)
Sent: Wednesday, October 07, 2015 10:58 AM
To: Scott, Allison (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Municipal water question

1) Testing/Inspection: The State Construction Code Act requires us to do testing and inspection of school facilities. We do initial inspections and safety checks (usually responding to complaints or remodels). This is true for all jurisdictions under the Act - except Detroit. So if another municipal asked, we would do a plumbing inspection.

I would note this is a resource issue. We are pulling all our inspectors in to handle Flint and borrowing others. If I had to do this routinely or for multiple jurisdictions, we would have a bandwidth/budget issue.

2) Remediation: The bigger question, which I just discussed with Roberts, was what happens if as a result of our testing we find significant issues? Who pays for remediation. At this point, that responsibility falls on the local jurisdiction.

Does that answer your question.

Sent from my iPad

> On Oct 7, 2015, at 10:49 AM, "Scott, Allison (GOV)" <scotta12@michigan.gov> wrote:
>
> We are addressing the school testing and pro active question - if asked what would be our response and potential plan if municipal a start asking for money etc re this type of issue
>
> Sent from my iPhone

From: Scott, Allison (GOV)
Sent: Wednesday, October 07, 2015 10:59 AM
To: Zimmer, Mike (LARA)
Cc: Agen, Jarrod (GOV)
Subject: Re: Municipal water question

Yes. Thanks!!

Sent from my iPhone

> On Oct 7, 2015, at 10:58 AM, Zimmer, Mike (LARA) <zimmerm@michigan.gov> wrote:
>
> 1) Testing/Inspection: The State Construction Code Act requires us to do testing and inspection of school facilities. We do initial inspections and safety checks (usually responding to complaints or remodels). This is true for all jurisdictions under the Act - except Detroit. So if another municipal asked, we would do a plumbing inspection.
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>> Sent from my iPhone

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:17 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Filter Update PR
Attachments: Flint Extended Hours Press Release 10715.docx

Importance: High

All –

Attached for your review is an update about filter distribution to announce extended hours and reaffirm that these filters are certified to reduce lead in drinking water.

Please let me know as soon as possible if you have edits. We're aiming to get this out within the hour.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
October 7, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

State offering extended, weekend hours for water filter distribution at Lippincott GCCARD

Nearly 5,000 NSF certified filters issued by MDHHS to Flint residents since Monday

LANSING, Mich. – Flint residents and Michigan Department of Health and Human Services clients with a city of Flint water bill will now be able to take advantage of extended hours this Thursday, Friday, and Saturday at the Genesee County Community Action Resource Department 2727 Lippincott location. Extended hours will be offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.

Dr. Eden Wells, MDHHS chief medical executive, reemphasized that the Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.

"The Brita faucet filtration system that we are distributing to residents are National Sanitation Foundation certified to reduce lead in drinking water," said Dr. Eden Wells. "When connected appropriately, these filters improve water quality by filtering out contaminates including lead, chlorine, benzene and other chemicals."

Since Monday when MDHHS announced that free water filters would be distributed at four Flint locations, the state and GCCARD have partnered to issue approximately 5,000 free NSF certified water filters to residents that are on the city of Flint water system. The distribution of filters is part of the administration's comprehensive approach to addressing water concerns in the area. These NSF certified water filters remove lead in the water administered through water taps in homes.

MDHHS clients and residents with a city of Flint water bill may take advantage of the extended hours at the Lippincott GCCARD. During the regular business hours, MDHHS clients are encouraged to visit either the 125 E. Union St. or 4809 Clio Road MDHHS office location; residents on Flint water who are not currently enrolled in MDHHS assistance programs should visit the GCCARD offices at 2727 Lippincott and 601 North Saginaw. Staff will be onsite at all four locations to distribute filters and assist residents who have questions about proper installation.

MDHHS clients in the city of Flint who are active recipients should bring valid identification and a copy of their water bill to their local MDHHS office. Flint residents who are not active MDHHS clients should bring identification and their city of Flint water bill to a GCCARD location.

MDHHS is urging all residents do their part to prevent elevated blood lead levels in children. For more information prevention, visit www.michigan.gov/lead, or contact your local health department. For updates on Flint water and resources, visit www.michigan.gov/flintwater.

# # #

From: Lasher, Geralyn (DHHS)
Sent: Wednesday, October 07, 2015 11:28 AM
To: Eisner, Jennifer (DHHS); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Cc: Minicuci, Angela (DHHS)
Subject: RE: Filter Update PR

We also just got off the phone with the head of communications for NSF and they are also putting a statement out affirming that the filters purchased by MDHHS are certified for lead reduction. I will pass that statement along as soon as we get it.

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:17 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Filter Update PR
Importance: High

All –

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Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

To: Minicuci, Angela (DHHS)[MinicuciA@michigan.gov]; Eisner, Jennifer (DHHS)[EisnerJ@michigan.gov]; Wheaton, Bob (DHHS)[WheatonB@michigan.gov]; Wurfel, Brad (DEQ)[WurfelB@michigan.gov]; Wurfel, Sara (GOV)[Wurfels@michigan.gov]; Murray, David (GOV)[MurrayD1@michigan.gov]; Agen, Jarrod (GOV)[AgenJ@michigan.gov]; Tommasulo, Karen (DEQ)[TommasuloK@michigan.gov]
Cc: Kennedy, Jordan (GOV)[KennedyJ4@michigan.gov]; Ridley, Nancy (DHHS)[RidleyN@michigan.gov]
From: Lasher, Geralyn (DHHS)
Sent: Wed 10/7/2015 3:55:19 PM
Importance: Normal
Subject: FW: MDHHS Filters Press Release
Received: Wed 10/7/2015 3:55:22 PM
NSF International Statement - Certification to Std 53.docx

FYI—attached is the statement from NSF

From: Schmitt-Reichert, Anna [mailto:aschmittreichert@nsf.org]
Sent: Wednesday, October 07, 2015 11:52 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>; Nowland-Margolis, Lizabeth <lnowlandmargolis@nsf.org>
Subject: RE: MDHHS Filters Press Release

Hi Geralyn,

It was a pleasure to speak with you just now and to confirm that NSF International has indeed certified the water filters in question. Thank you for sending your press release too.

Attached is our statement which you are welcome to use. I have also copied my colleague Liz Margolis, Communications Manager at NSF International so that you have a second contact. Liz handles our media relations.

Please let me know if you need anything else,

Anna

p.s. Dr. Wells, please stop over for a cup of coffee or lunch, I would love to show you what your neighbor does!

Anna Schmitt-Reichert

Global Director, Communications

NSF International

O: +734.827.6818 M: PPI

789 Dixboro Rd.

Ann Arbor, MI 48105 USA

www.nsf.org

From: Lasher, Geralyn (DHHS) [mailto:lasherg@michigan.gov]
Sent: Wednesday, October 07, 2015 11:42 AM
To: Schmitt-Reichert, Anna <aschmittreichert@nsf.org>
Cc: Wells, Eden (DHHS) <WellsE3@michigan.gov>
Subject: FW: MDHHS Filters Press Release

Thank you so much for discussing this with us Anna. We will be sending the attached press release out momentarily announcing extended hours for distribution as well as reiterating the NSF information for the filters we are currently providing.

Thank you so much for your assistance,

Geralyn

Geralyn Anne Lasher

Senior Deputy Director for External Relations and Communications

Michigan Department of Health and Human Services

201 Townsend Street, Capitol View Building

Lansing Michigan 48913

P: (517) 241-2112

C: PPI

LasherG@michigan.gov

@glasher

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 11:39 AM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Subject: MDHHS Filters Press Release

Jennifer (Smith) Eisner

Public Information Officer

Michigan Department of Health and Human Services

517-241-2112

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this transmission are solely of the author and do not necessarily represent those of NSF International or its affiliates.

NSF International Statement regarding Flint Water System Lead Issue and certification NSF International/ANSI Standard 53

NSF International, the public health and safety organization that tests and certifies residential drinking water filtration systems, has confirmed that the three water filters being distributed by officials in Flint, Michigan are currently certified by NSF International for lead reduction.

Specifically, Brita Faucet Filtration System, model number SAFF-100 (in white, black or chrome), the PUR Faucet Mount, model number FM-3700B, and the Zero Technologies Water Treatment Pour Through Pitcher, model number ZD-018, are certified for lead reduction in accordance with NSF/ANSI 53 – Drinking Water Treatment Unit Standard for Health Effects.

Individuals wishing to verify that a specific filter is NSF certified can do so via the NSF website. Here are the links to verify each certification: Brita Faucet Filter System SAFF-100, PUR Faucet Water Filter System and the Zero Water Technologies Water Pitcher Filtration System

Consumers can contact NSF International at info@nsf.org or 1-800-673-8010 for any additional questions.

Media requests regarding NSF International please contact Liz Nowland-Margolis at lnowlandmargolis@nsf.org or 734-418-6624.

Additionally NSF International has other resources for the consumer regarding drinking water safety:

- Listing of NSF International certified products to reduce lead in water
- Lead in Drinking Water (discusses sources of lead, home treatment options, etc.)
- Changing Water Filters
- Guide to Contaminant Reduction claims
- Standards for Water Treatment Systems
- Understanding Consumer Confidence Reports (CCRs)

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 2:02 PM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: RE: two questions from Gov

Still working on clarifying A to #1 – three varied answers so far. Teams are working to verify and ensure 100%.

I believe that's right approach on #2 – though Ananich may require slightly more lead time as Dennis and Dan may push for. Though I don't think he will keep the news until then so that definitely has to be considered. And do we want him and/or Reps. Neely and Phelps there? And if so, speaking?

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 07, 2015 1:19 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: two questions from Gov

1) What is our Comms response to the question: What happens in rest of the state regarding water testing in schools?

2) Gov is meeting with SML and Speaker this afternoon, but when do we inform Ananich and Greimel? On this one, I assume we are inviting Ananich tomorrow morning and we can just tell Greimel at that same time, right? What time are we doing that?

To: Biehl, Laura (GOV)[BiehlL@michigan.gov]; Kennedy, Jordan (GOV)[KennedyJ4@michigan.gov]; Agen, Jarrod (GOV)[AgenJ@michigan.gov]; Wurfel, Sara (GOV)[Wurfels@michigan.gov]; Murray, David (GOV)[MurrayD1@michigan.gov]; Brown, Jessica (GOV)[BrownJ53@michigan.gov]
From: Heaton, Anna (GOV)
Sent: Wed 10/7/2015 7:30:31 PM
Importance: Normal
Subject: RE: MA for review
Received: Wed 10/7/2015 7:30:33 PM

We still planning to send advisory at 4:30?

We will have a bill signing PR going out at 5.

From: Biehl, Laura (GOV)
Sent: Wednesday, October 07, 2015 3:18 PM
To: Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: RE: MA for review

Erik said we should be good on livestream.

From: Kennedy, Jordan (GOV)
Sent: Wednesday, October 07, 2015 2:51 PM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: MA for review
Importance: High

Team—

Below is the media advisory for tomorrow. The Livestream portion is highlighted because we are still checking to make sure the venue has livestreaming capabilities.

Wednesday, Oct. 7, 2015
Contact:Sara WurfelorDave Murray
Office: 517-335-6397

Editor's note: Media must present valid press credentials on site.

Thursday, Oct. 8 at 10 a.m.
Gov. Rick Snyder will make an announcement regarding the Flint water system. He will be joined by Flint Mayor Dayne Walling, Director of Environmental Quality, Dan Wyant, Director of the Department of Health and Human Services, Nick Lyon, Dr. Eden Wells, Chief Medical Executive at DHHS, and Ridgway White of the Charles Stewart Mott Foundation.

A livestream option is also available atwww.michigan.gov/snyderlive. If you wish to embed the event please visithttp://new.livestream.com/snyderlive for more information.

Location:

Mott Foundation Building – Ground Floor

503 S. Saginaw St.

Flint, MI

Thursday, Oct. 8 at 7 p.m.
Snyder will offer remarks at the Celebration of Life Gala supporting Magen David Adom (Israel's national 911 and emergency services).

Location:
Adat Shalom Synagogue

29901 Middlebelt Rd.

Farmington Hills, MI

#####

Jordan Kennedy

Communications Representative

Executive Office of Governor Rick Snyder

Phone: 517.335.6397

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, October 07, 2015 4:57 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Updated MDHHS Talking Points
Attachments: Flint Water Talking Points 100715.docx

Attached talking points updated to include info re: extended hours for water filter distribution, school testing results, NSF filter certification.

Thank you,

Jennifer (Smith) Eisner
Public Information Officer
Michigan Department of Health and Human Services
517-241-2112

Blood Lead Levels in Flint Talking Points
October 7, 2015

Water Filters

- Our first action item is to work closely with our public and private partners to provide water filters to Flint residents and MDHHS clients.
- To meet this priority, the governor identified one million dollars in state funding to purchase water filters for Flint residents.
- The Brita SAFF-100 filters being distributed by the department and GCCARD do meet the NSF/ANSI 53 standards for drinking water treatment units.
- The Brita faucet filtration system we are distributing are National Sanitation Foundation certified to reduce lead in drinking water.
- Free water filters are available to current Michigan Department of Health and Human Services clients and Flint residents who are on the Flint water system at four locations:
    - Flint residents who are not current MDHHS clients should visit one of two Genesee County Community Action Resource Department offices to obtain a filter.
        - at 2727 Lippincott and 601 North Saginaw in Flint
    - Current MDHHS clients in the city of Flint should visit their local MDHHS office
        - At 125 E. Union St. or 4809 Clio Road
- Staff will be onsite at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation.
- Extended hours are being offered at the Lippincott facility only, and will run until 7 p.m. on Thursday and Friday, and from 10 a.m. to 2 p.m. on Saturday. The other three locations will maintain 9 a.m. to 4 p.m. operating hours, Monday through Friday, for filter pick up.
- Given the questions and concerns regarding the change in water source in Flint, MDHHS authorized the use of emergency services funding to provide water filters for MDHHS clients receiving assistance in the city of Flint.
- This funding will support active Family Independence Program (FIP), Food Assistance Program (FAP), Child Development and Care (CDC), State Disability Assistance (SDA), State Disability Assistance (SDA), or Social Security Insurance (SSI) recipients so that they can obtain filters that are National Sanitation Foundation (NSF) certified to remove lead and ANSI Standard 53.
- MDHHS currently serves approximately 25,000 households in Flint.

School Testing and Results

- The state today also released the first results from its free lead screening program in schools.
- Out of 13 buildings tested, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.
- However, this sampling provides only an initial screen, and MDHHS toxicologists will work with DEQ to conduct further testing.
- Schools on the Flint water system should continue using filtered or bottled water to protect against potential lead exposure.

Background Information

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed an expected seasonal trend; due to small numbers further analysis was initiated.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the sole cause of the increase, but data does show an association.
    - There is an increased proportion of children with elevated Blood Levels (ELBs) in several zip codes, particularly 03 and 04. These appear to have increased over the last 1.5 years.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is still the most widespread and dangerous high-dose source of lead exposure for young children in the US and Michigan.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.

- MDHHS is working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations for drinking water, which is why NSF certified filters are being distributed to residents on the Flint water system free of charge.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- 'High Risk' Zip codes (48503 and 48504)
    - Blood lead level rates among children under six years of age in the high risk zip codes (48503, 48504) were 2.7 times higher than the rest of Genesee County before the switch to Flint River Water.
    - After the switch to Flint River Water, rates in the high risk Zip codes were 3.2 times that of the rest of Genesee County.
- Other Zip codes in Flint
    - Rates of elevated blood lead levels among children under six years of age in other parts of the city of Flint were 2 times that of the rest of Genesee County before the switch to Flint River Water.
    - The magnitude of the elevated rate remained roughly the same during the period after the water source switch.
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.

- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.
- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- There are 855 infants participating in WIC in Flint.
- We are working with partners at the United Way to ensure that WIC families have access to water filters and bottled water.
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 5:13 PM
To: Wyant, Dan (DEQ)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: Flint.pdf
Attachments: Flint.pdf; ATT00001.htm

Per your request. This is the first of three emails with attachments. It is important to note that council did not take a vote to use Flint river. DWSD terminated the contract in April 2013 after the March 2013 vote which gave Flint one year left to use DWSD. The decision to use Flint river was made April 2014 instead of paying the cost to continue on DWSD until KWA was online.

EM SUBMISSION NO.: 2013EM041

PRESENTED: 3-28-13

ADOPTED: 3-29-13

BY THE EMERGENCY MANAGER:

RESOLUTION TO PURCHASE CAPACITY FROM KAREGNONDI WATER AUTHORITY

The Karegnondi Water Authority (KWA) is a governmental consortium of cities and counties in southeastern Michigan that was created to build a water pipeline that will provide water from Lake Huron to interested communities in Sanilac, Lapeer, and Genesee counties. The incorporating bodies that created the KWA are Sanilac County, Lapeer County, Genesee County, the City of Flint, and the City of Lapeer.

The City of Flint is currently in a year to year contract with the City of Detroit for the purchase of water. A study was conducted that projected that staying with Detroit will cost the region $2.1 billion over the next 25 years. In contrast, if the region builds its own pipeline, the projected costs are $1.9 billion over the same period. After the initial 25 year period, the projected costs would be less then 25% of the projected water costs from Detroit.

In order to build the pipeline, the KWA needs commitment from its members regarding the capacity that each member will purchase in the pipeline. The KWA is allowed to withdraw 85 million gallons of water per day. Capacity is available to members in increments of 1 million gallons per day known as units. For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one time fee of $32,300.00. Additionally, the buyer shall pay to the KWA not less then $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount not to exceed $355.300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00 the buyer has a right to cancel the contract.

The purchase of capacity along with the payment of other costs necessary to operate the pipeline gives the member a right to water for sale to its customers. The buyer has a right to resell capacity and water rights. Each party entering into a capacity contract shall also be entitled to appoint additional board members equal to the party's percentage share of the total capacity under contract.

It is in the long term best interests of the City of Flint to enter into a contract with the KWA to purchase up to eighteen (18) units of capacity.

IT IS RESOLVED that City officials are authorized to enter into a contract with KWA to purchase up to eighteen (18) units of capacity.

IT IS FURTHER RESOLVED that the City Administrator is authorized to provide KWA information needed to administer the contract and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract.

APPROVED AS TO FORM:

Peter M. Bade, City Attorney

APPROVED AS TO FINANCE:

For **Gerald Ambrose, Finance Director**

EM DISPOSITION:

ENACT 1 **FAIL** _____ **DATED** 3-29-13

Edward L. Kurtz, Emergency Manager

S:\P. Bade\EM2013\Resolutions\KWA.03.28.13.doc

Flint

Flint City Council approves resolution to buy water from Karegnondi, state approval still needed

[http://connect.mlive.com/staff/dadams1/index.html] By Dominic Adams | dadams5@mlive.com [http://connect.mlive.com/staff/dadams1/posts.html]
Follow on Twitter [http://www.twitter.com/dominicadams]
on March 25, 2013 at 10:45 PM, updated March 26, 2013 at 1:28 AM

FLINT, MI – Flint is one step closer to getting its water from Lake Huron as part of the Karegnondi Water Authority.

The vote, **approved 7-1 at the Flint City Council meeting Monday, March 25 [http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_again_delay.html]** , may have set in motion the end to Flint paying to get its water from Detroit.

Under the proposal, Flint would get 16 million gallons per day of raw water from Lake Huron, pipe it to Flint for treatment and then sell it to customers throughout the city. Another 2 million gallons per day would come from the Flint River and will be treated in Flint.

Mayor Dayne Walling said the Department of Environmental Quality must approve Flint's getting 2 million gallons per day from the Flint River.

Tuesday's meeting followed weeks of discussions and special meetings surrounding the resolution.

"We got there," Councilman Joshua Freeman said. "That's the important thing."

There were more than 50 people at Monday's meeting.

"Going with Karegnondi is the best decision. We have no opinion on the economics of the decision," said Rebecca Fedewa, Flint River Watershed Coalition executive director. "If we start drawing water out of the Flint River, we are at risk of having to start releasing water from our reservoirs."

Genesee County Drain Commissioner Jeff Wright said the decision must still be approved by a county water and waste advisory board. The KWA board will then be reconvened for final approval.

Wright said construction could start in May.

State treasury officials still must approve the city council's move because Flint has an emergency financial manager. All expenditures over $50,000 must be approved.

Genesee County Drain Commissioner Jeff Wright has said that Flint would pay roughly $6.4 million annually for water service if it joined the pipeline – a nearly $4 million savings on what it pays Detroit for water.

Walling previously said the **city would save $19 million over eight years [http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_delays_deci.html]** by getting water from the KWA.

"It's a historic night in the City of Flint," Walling said. "The savings will be less with the capacity level approved by city council because there will be increased treatment cost for the river water."

He said the DEQ told the city it needed to get 18 million gallons per day or there would have to be additional work done at Flint's water plant.

Flint's water plant and the Flint River is currently the backup for Flint and Genesee County, however, the plant only operates four times per year.

Councilman Bryant Nolden was the lone dissenting vote.

"It was a protest vote," Nolden said. "I knew they had enough votes. I just feel like the Flint River is our best option."

Karengnondi is the regional water authority that includes Genesee, Lapeer and Sanilac counties and the cities of Flint and Lapeer.

Flint is the second municipality, behind Genesee County, to officially decide to purchase raw water through the KWA. Lapeer city officials said they intend to purchase water, but an agreement has been finalized.

Dominic Adams is a reporter for MLive-Flint Journal. Contact him at ***dadams5@mlive.com*** *or 810-241-8803. Follow him on* ***Twitter [http://www.twitter.com/dominicadams]*** *,* ***Facebook [http://www.facebook.com/dominic.adams.1865]*** *or* ***Google+ [https://plus.google.com/103690672506808729911?rel=author]*** *.*

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Price of Detroit water for Flint is $1.5 million a month, mayor says

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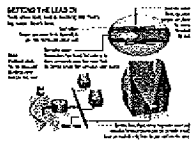

Here's how that toxic lead gets into Flint water

[http://www.mlive.com/news/flint/index.ssf/2015/10/see_step_by_s

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JEFFREY WRIGHT
COMMISSIONER
G-4608 BEECHER ROAD, FLINT, MI 48532
PHONE (810) 732-1590 FAX (810) 732-1474

FOR IMMEDIATE RELEASE

March 26, 2013

CONTACT: Jeff Wright

810-287-1925

What: Jeff Wright Statement on Flint City Council Approving Resolution to Join KWA.

When: March 26, 2013

Additional Info: Jeff Wright, CEO of the KWA, today praised the Flint City Council for voting to approve a resolution to officially have the City of Flint join the KWA and its' water line.

"I have said from the beginning that this decision must be made by Flint's City Council and Mayor," said Wright. "I appreciate the council voting the way they did, but even more than that, I am glad the residents of Flint were able to have their voices heard via their elected officials." The next step in the process will come with the KWA Board executing the contract for the City.

"The most important aspect from the vote is the fact that we as an Authority can move forward knowing Flint's intentions," said Wright.

Despite Emergency Manager Ed Kurtz publicly supporting the project, Wright had made a vote by council a condition of Flint joining the KWA so the residents would have their say.

"There is a basic tenet that government is best when it has local control. We saw that with the council vote. Nobody, whether they live in Flint, Grand Blanc, Davison, Fenton, or anywhere in Genesee County, should have these types of decisions made by people who live outside of their community," said Wright.

At the next Water and Waste Advisory Board meeting a vote will be taken to award a contract for construction of the intake portion of the water line. All bids were submitted to the board at their last meeting for review.

89 (Rev. 02-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

Mr. Edward Kurtz
Emergency Manager
City of Flint
1101 South Saginaw Street
Flint, MI 48502

April 11, 2013

Dear Mr. Kurtz:

Thank you for your March 29, 2013 letter, which is attached for reference. As the Emergency Manager for the City of Flint ("Flint" or "City"), you have asked for my concurrence, pursuant to Public Act 436 of 2012, the Local Financial Stability and Choice Act, to authorize a contract in excess of $50,000.00 not subject to competitive bidding. This request was related to the City entering into an agreement with the Karegnondi Water Authority (KWA) for provision of raw water for the City.

In considering your request, I took note of the following facts in support of Flint joining KWA. First, there is widespread support in the City for this move, including the support of the Mayor, the City Council, and the Emergency Manager. Second, this move will provide a unique opportunity for the City and County to partner on an important project, which will hopefully lead to future regional collaboration. Third, the Department of Environmental Quality is supportive of the City participating in the KWA project. Finally, your representations that this deal will lead to substantial savings for the City over the coming decades, savings that are desperately needed to help with the turnaround of the City of Flint.

It is my understanding that the Detroit Water and Sewer Department is making a final best offer to Genesee County and the City of Flint next Monday, April 15, 2013. As such, this approval will be effective at 5 pm on April 16, 2013 after receiving written notice from the City that either no such offer was presented to the county and the City or that an offer was received and was rejected in good faith based upon specified objections.

For the reasons described above and subject to the conditions set forth herein, pursuant to Section 12 (3) of PA 436 of 2012, I am authorizing you to proceed with adopting the resolution and entering into a contract with KWA.

Sincerely,

Andy Dillon
State Treasurer

Flint

Flint council supports buying water from Lake Huron through KWA

[http://connect.mlive.com/staff/dadams1/index.html] By Dominic Adams | dadams5@mlive.com [http://connect.mlive.com/staff/dadams1/posts.html]
Follow on Twitter [http://www.twitter.com/dominicadams]
on March 25, 2013 at 7:17 PM, updated March 26, 2013 at 7:43 AM

FLINT, MI -- Flint residents may soon get their water from Lake Huron.

The Flint City Council voted 7-1 to get 16 million gallons per day from the Karegnondi Water Authority.

"This is about compromise," said Councilman Sheldon Neeley.

Neeley got support from Councilman Joshua Freeman, after the two were previously at odds about the amount the city should withdraw from Lake Huron.

Councilman Bryant Nolden was the lone "no" vote.

"It was a protest vote," Nolden said. "I just feel like the Flint River is our best option."

Genesee County Drain Commissioner said construction of the pipeline could start in May.

The city currently pays to get its water from Detroit.

State treasury officials still must approve the city council's move because Flint has an emergency financial manager. All expenditures over $50,000 must be approved.

*Dominic Adams is a reporter for MLive-Flint Journal. Contact him at **dadams5@mlive.com** or 810-241-8803. Follow him on **Twitter [http://www.twitter.com/dominicadams]** , **Facebook [http://www.facebook.com/dominic.adams.1865]** or **Google+ [https://plus.google.com/103690672506808729911?rel=author]** .*

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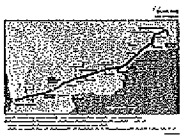
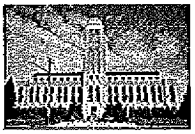


Enbridge can begin piping tar sands oil along Lake Ontario north shore

[http://www.mlive.com/news/index.ssf/2015/10/enbridge_can_beg



Former Detroit American Motors Corp. headquarters being auctioned; starting bid $500

[http://www.mlive.com/news/detroit/index.ssf/2015/10/former_detr

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http://www.mlive.com/news/flint/index.ssf/2013/07/city_readying_water_plant_to_t.html

Best,
Harvey

From: Hollins, Harvey (GOV)
Sent: Wednesday, October 07, 2015 5:14 PM
To: Wyant, Dan (DEQ)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: CC Meeting Minutes 3-25-2013 (1).doc
Attachments: CC Meeting Minutes 3-25-2013 (1).doc; ATT00001.txt

City of Flint, Michigan

Third Floor, City Hall
1101 S. Saginaw Street
Flint, Michigan 48502
www.cityofflint.com

Meeting Minutes - Draft

Monday, March 25, 2013

5:33 PM

Agenda amended to include Board of Hospital Managers appointments

Council Chambers

CITY COUNCIL

Scott Kincaid, President, Ward 9
Bryant W. Nolden, Vice President, Ward 3

Claudia Croom, Ward 1 ***Jacqueline Poplar, Ward 2***
Joshua M. Freeman, Ward 4 ***Bernard Lawler, Ward 5***
Sheldon A. Neeley, Ward 6 ***Dale K. Weighill, Ward 7***
Michael J. Sarginson, Ward 8

Inez M. Brown, City Clerk

Not Responsive

SPECIAL ORDER

130217 Special Order/Information & Discussion/Karegnondi Water Authority (KWA)

A Special Order as requested by Council President Scott Kincaid to continue discussion and review of information on the Karegnondi Water Authority (KWA).

Presented

PETITIONS AND UNOFFICIAL COMMUNICATIONS

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

RESOLUTIONS

130165.1 Amended Resolution/Contract/City of Flint/Karegnondi Water Authority (KWA)

Amended resolution resolving that city officials are authorized to enter into a contract with Karegnondi Water Authority (KWA) to purchase fifteen (15) units of capacity, AND, resolving that the City Administrator is authorized to provide KWA information needed to administer the contract, and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract. [NOTE: For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one-time fee of $32,300. Additionally, the buyer shall pay to the KWA not less than $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount NOT-TO-EXCEED $355,300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00, the buyer has a right to cancel the contract. Over the next 25 years, it is expected that continuing with Detroit will cost the region $2.1 billion, compared to $1.9 billion with a pipeline.] [NOTE: Contract not included.] [NOTE: Resolution amended from 18 to 15 units of capacity.]

A motion was made by Councilperson Neeley, seconded by Councilperson Freeman, that this matter be Amended. The motion carried by the following vote:

Aye: 5 - Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley and Councilperson Sarginson

No: 3 - Councilperson Poplar, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130165.2 Amended Resolution/Contract/City of Flint/Karegnondi Water Authority (KWA)

Amended resolution resolving that city officials are authorized to enter into a contract with Karegnondi Water Authority (KWA) to purchase sixteen (16) units

of capacity, AND, resolving that the City Administrator is authorized to provide KWA information needed to administer the contract, and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract. [NOTE: For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one-time fee of $32,300. Additionally, the buyer shall pay to the KWA not less than $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount NOT-TO-EXCEED $355,300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00, the buyer has a right to cancel the contract. Over the next 25 years, it is expected that continuing with Detroit will cost the region $2.1 billion, compared to $1.9 billion with a pipeline.] [NOTE: Contract not included.] [NOTE: Resolution amended from 15 to 16 units of capacity.]

A motion was made by Councilperson Neeley, seconded by Councilperson Freeman, that this matter be Adopted. The motion carried by the following vote:

Aye: 7 - Councilperson Poplar, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

No: 1 - Vice President Nolden

Absent: 1 - Councilperson Weighill

Not Responsive

Not Responsive

Not Responsive

MEETING SCHEDULE

ADDITIONAL COUNCIL DISCUSSION

ADJOURNMENT

Having no further business, Council President Scott Kincaid adjourned the meeting at 8:59 p.m.

Respectfully transcribed and submitted,

Janell Johnson. Administrative Secretarv to Citv Council

This Document is a Non-Responsive Attachment.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 6:44 PM
To: Agen, Jarrod (GOV); Kennedy, Jordan (GOV); Wurfel, Sara (GOV)
Subject: Flint water announcement briefing
Attachments: Flint Water Briefing.docx

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Briefing: Flint Water System Press Conference
Thursday, Oct. 8, 2015
Mott Foundation/Commerce Center Building Ground Floor
519 S. Saginaw St., Flint
Communications: Sara Wurfel, 517-599-3470, wurfels@michigan.gov
Dave Murray, 517-449-8343, murrayd1@michigan.gov

Purpose:

We're announcing the decision to reconnect Flint to the Detroit Water and Sewerage Department, a collaborative effort between the state government, Flint city government and the Mott Foundation.

High level points:

- Protecting the health and safety of our residents in Flint and across Michigan is always our top priority.
    - All Michigan residents need access to safe, clean water.

- That's why today, in consultation with health and water experts in our state agencies, I'm advocating reconnecting the Flint drinking water with the Great Lakes Water Authority.

- I'm recommending to my partners in the Legislature that the state government provide $6 million of the needed $12 million to reconnect with authority.
    - The Flint city government has agreed to cover $2 million of this cost, and the Charles Stewart Mott Foundation is generously offered to donate $4 million.

- What you are seeing here today is a community coming together to work toward solving a problem.
    - I appreciate the assistance of Mayor Walling, and the U.S. Environmental Protection Agency.
    - This is a collaborative approach, and I appreciate that community organizations including the United Way and come forward to assist.

Agenda:

9:00 AM - 9:45 AM Gov meets with Mayor Walling in [Room 1]
9:45 AM – 10:00 AM Pre-Brief in [Room 2]
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM Director Wyant gives remarks
10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM Dr. Eden Wells remarks
10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM Ridgway White gives remarks
10:25 AM – 10:35 AM Q&A from the podium
10:35 AM Event concludes; Governor departs

Attendees:

Roughly 20 in audience

Susan	Borrego	Chancellor, U of M Flint
Oscar	Overton	Pastor
Alfred	Harris	Pastor
Latrelle	Holmes	Pastor
Jim	Ananich	Michigan Senate
Sheldon	Neely	Michigan House
Phil	Phelps	Michigan House
Jeff	Wright	Drain Commissioner, Genesee County
Amy	Hovey	Dan Kildee office
Jamie	Gaskin	Dan Kildee office
Tim	Herman	Flint Chamber of Commerce
Brian	Larkin	Flint Chamber of Commerce
Eric	Mays	Flint City Council
Jacqueline	Poplar	Flint City Council
Kerry	Nelson	Flint City Council
Joshua	Freeman	Flint City Council
Wantwaz	Davis	Flint City Council
Herbert	Winfrey	Flint City Council
Monica	Galloway	Flint City Council
Vicki	VanBuren	Flint City Council
Scott	Kincaid	Flint City Council

Speaker comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

Talking points:

- Protecting the health and safety of our residents in Flint and across Michigan is always our top priority.
    - All Michigan residents need access to safe, clean water.

- That's why today, in consultation with health and water experts in our state agencies, I'm advocating reconnecting the Flint drinking water with the Great Lakes Water Authority.

- I'm recommending to my partners in the Legislature that the state government provide $6 million of the needed $12 million to reconnect with authority.
    - The Flint city government has agreed to cover $2 million of this cost, and the Charles Stewart Mott Foundation is generously offered to donate $4 million.
    - The Michigan Department of Health and Human Services and the Department of Environmental Quality today also is committing an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

- What you are seeing here today is a community coming together to work toward solving a problem.

- I appreciate the assistance of Mayor Walling, and the U.S. Environmental Protection Agency.
- This is a collaborative approach, and I appreciate that community organizations including the United Way and come forward to assist.

- Today's announcement in an important step as we move forward together.
  - But it is not our first step, nor will it be our last.
    - This announcement builds on work we've already set in place.
      - That includes $4.2 million in state grants and loan restructuring to help identify and fix infrastructure problems.
      - State agencies have been working closely with Flint leaders and the community for more than a year.

- There will be more to do.
  - Flint has an aging water infrastructure system with challenges that we – together – will continue to address.

- We will continue to test Flint schools for lead levels in drinking water.
  - Schools across the state might also have questions.
  - The Department of Environmental Quality will work with districts across the state to provide testing.
    - Districts can send water samples and paperwork and the nominal charge. (It costs $26 per sample).

- The steps outlined in the comprehensive action plan are still in effect.

From: Murray, David (GOV)
Sent: Wednesday, October 07, 2015 10:18 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Subject: RE: Draft release

I see her point about commitment vs donation and the nine months vs reconnecting. I can tinker and send back to you.

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 07, 2015 10:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: Fwd: Draft release

Again, believe most of these are workable, minus headline change as Detroit just doesn't use Lake Huron but Detroit River too.

Thoughts?

Sent from my iPhone

Begin forwarded message:

> **From:** "Kathryn A. Thomas" <kthomas@mott.org>
> **Date:** October 7, 2015 at 9:41:41 PM EDT
> **To:** "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>
> **Cc:** "Biehl, Laura (GOV)" <BiehlL@michigan.gov>, "Heaton, Anna (GOV)" <HeatonA@michigan.gov>
> **Subject: RE: Draft release**
>
> This version contains a quote from Ridgway. Do I understand correctly that you will not issue a release before 10 am?
>
> I will be leaving the office soon. Please feel free to call me on my mobile (PPI) at any time. I hope to be back here tomorrow before your team begins arriving.
>
> Best,
> Kathryn
>
> ---
>
> **From:** Kathryn A. Thomas
> **Sent:** Wednesday, October 7, 2015 8:23 PM
> **To:** 'Wurfel, Sara (GOV)' <WurfelS@michigan.gov>
> **Cc:** Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
> **Subject:** RE: Draft release
> **Importance:** High
>
> Hi, Sara.
>
> I will work with Ridgway on a quote, but I wanted to get some initial comments back to you as quickly as possible. Please be sure to view markup to see the comments.

I'm still in my office. Please call me there (810-766-1734) or on my mobile ([PPI]) if there's anything you wish to discuss.

Kathryn

From: Wurfel, Sara (GOV) [mailto:WurfelS@michigan.gov]
Sent: Wednesday, October 7, 2015 7:12 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: RE: Draft release
Importance: High

Greetings again, Kathryn --

And here is the draft confidential news release with placeholders for the Mayor and Mr. White's quotes. Dependent on final details getting worked out at tomorrow's meeting.

Please review and let us know of any edits or concerns you may have. We look forward to your feedback. If there's a chance you can get us the quote sometime yet this evening, that'd be fantastic.

Also, we'd like to put a Mott Foundation media contact here as well. Would that be yourself? And which numbers/contact info should we use?

Thanks again. We are very glad to be working with you on this.

Best regards,
SW

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, Mott Foundation and city form partnership to fund switch

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation will donate $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous donation, and the dedication of all parties to come together to protect Flint families and children."

The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Flint city leaders requested the state's help to fund the reconnection after a Wednesday meeting of Flint's Technical Advisory Committee. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

INSERT MAYOR QUOTE HERE

The move to Detroit water, which is drawn from Lake Huron, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can be present in shallower rivers. Additionally, the Great Lakes Water Authority has already fully optimized its corrosion control, using phosphates to help coat the insides of pipes and prevent lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

INSERT MOTT FOUNDATION QUOTE HERE

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Heaton, Anna (GOV)
Sent: Wednesday, October 07, 2015 6:26 PM
To: 'Kathryn A. Thomas' <kthomas@mott.org>
Cc: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: security contact

Thanks so much, Kathryn. Sorry to bother you so late.

Run of show & comment topics below:

9:45 AM – 10:00 AM Pre-Brief with all speakers
10:00 AM – 10:01 AM Harvey Hollins kicks off press conference; introduces Governor
10:01 AM – 10:05 AM Governor gives remarks
10:05 AM – 10:06 AM Harvey Hollins introduces Mayor Dayne Walling
10:06 AM – 10:10 AM Mayor Walling gives remarks
10:10 AM – 10:11 AM Harvey Hollins introduces DEQ Director Dan Wyant
10:11 AM – 10:15 AM Director Wyant gives remarks
10:15 AM – 10:16 AM Harvey Hollins introduces DHHS Director Nick Lyon
10:16 AM – 10:17 AM Director Nick Lyon introduces Dr. Eden Wells
10:17 AM – 10:20 AM Dr. Eden Wells remarks
10:20 AM – 10:21 AM Harvey Hollins introduces Ridgway White of Mott Foundation
10:21 AM – 10:25 AM Ridgway White gives remarks
10:25 AM – 10:35 AM Q&A from the podium
10:35 AM Event concludes; Governor departs

Nature of comments:
RDS – Collaboration led to solution, outline of solution
Mayor Walling – Importance of solution to Flint
Dan Wyant – School testing results, overview of steps on transition from Flint River to DWSD
Nick Lyon – DHHS involvement
Dr. Eden Wells – Testing of water going forward, use of filters approved by NSF
Ridgway White – Importance of collaboration/commitment to Flint

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 6:20 PM
To: Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: security contact

Highlighted below.

From: Kathryn A. Thomas
Sent: Wednesday, October 7, 2015 4:32 PM
To: 'Wurfel, Sara (GOV)' <Wurfels@michigan.gov>
Subject: RE: Contact info

Would you mind if we were to have a Mott logo on the podium? It will be our only visual representation. If it's a problem, let me know.

Our head of security is Phil Snyder. (I never thought to ask if there's any relation!) His cell phone # is
PPI

The main security number at our front desk is 810-767-5052. That will get you to one of whichever two guards are on duty at the desk.

The governor can park in the loading zone immediately along the back of our building. Our security staff will be watching for him and can let him in through the back door of the building. How many other vehicles will you need parking for?

I want to get this info off to you, but I am about to follow up with another e-mail. Stay tuned.

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 4:19 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Subject: RE: Contact info

Got it -- many thanks, Kathryn.

Also, here is what had mentioned about podium sign. Basic, to the point/message and no one entity as primary. Work and comfortable for that end?

We should indeed make sure there's security connections. Who is your point for that and contact info? I'm trying to verify who's going to be lead on our team's EP unit and will also share as soon as receive.

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 1:27 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: Contact info

Brief correction for the address on the advisory. Our building manager advises that we should use the name that appears on the outside of the building so as to avoid confusion. She recommends the following:

Mott Foundation/Commerce Center Building
519 S. Saginaw Street
Conference Center, Ground Floor

I also wanted to ask if we should connect our building security staff with your security staff. Please let me know.

Thanks!

Kathryn

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Wednesday, October 7, 2015 12:41 PM
To: Kathryn A. Thomas <kthomas@mott.org>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>;

Janiszewski, Erik (GOV) <JaniszewskiE@michigan.gov>; Utley, Corey (GOV) <UtleyC@michigan.gov>
Subject: RE: Contact info

Many thanks, Kathryn.

So appreciate your and the Mott Foundation's leadership and assist on this and helping make the Dining Room conference center space in the Mott Foundation Building available.

Here too is all my contact information, along with our team who will be working on this as well. Have cc'd them here as well.

We'll wait to hear from you on some of the outstanding technical and logistical Qs, and also be back in touch as we have drafts of materials hopefully late this afternoon.

Laura Biehl
PPI mobile
biehll@michigan.gov

Anna Heaton
PPI mobile
heatona@michigan.gov

Corey Utley (Advance Coordinator)
PPI mobile
utleyc@michigan.gov

Depending on any particulars, we also may need our livestream guru and videographer, Erik Janiszewski, to connect with your IS services team as well. His mobile is PPI and JaniszewskiE@michigan.gov.

Thanks again and warm regards,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI, mobile
Twitter:@SaraLW

From: Kathryn A. Thomas [mailto:kthomas@mott.org]
Sent: Wednesday, October 07, 2015 12:18 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: Contact info

Hi, Sara.

My direct office number and cell are both listed below. I am off in pursuit of answers to your immediate questions.

Best regards,

Kathryn

Kathryn Thomas
Vice President – Communications
Charles Stewart Mott Foundation
503 S. Saginaw Street, Suite 1200
Flint, MI 48502-1851
office: 810-766-1734 ¦ cell: PPI

From: Biehl, Laura (GOV)
Sent: Thursday, October 08, 2015 9:18 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Minicuci, Angela (DHHS); Weiss, Kurt (DTMB); Agen, Jarrod (GOV); Paciorek, Josh (GOV)
Subject: FINAL Flint water press release with edits incorporated
Attachments: 151008 Flint water release_FINAL.docx

See attached.

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI *new number
BiehlL@Michigan.gov

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray Governor's Office: 517-335-6397 Brad Wurfel, 517-284-6713 Department of Environmental Quality Jennifer Eisner, 517-230-9804 Department of Health and Human Services Kathryn Thomas, 810-766-1734 Mott Foundation Jason Lorenz, 810-237-2039 City of Flint	Thursday, Oct. 8, 2015

Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint

State, city, Mott Foundation, join to fund switch until KWA is ready

FLINT, Mich. – Flint families and children will be better protected by reconnecting with the Great Lakes Water Authority as the source of the city's drinking water until the Karegnondi Water Authority pipeline is completed, Gov. Rick Snyder said.

Snyder said Thursday that he will request the state Legislature to provide half, or $6 million, of the $12 million needed to reconnect with the authority through next summer, when the KWA is expected to be completed. The Flint city government will provide $2 million and the Charles Stewart Mott Foundation has committed $4 million.

"All Flint residents need clean, safe drinking water," Snyder said. "The technical experts helping the city on its water advisory all agree this move back to the Great Lakes Water Authority provides the best public health protection for children and families. This effort today is the result of people coming together to solve a problem. I appreciate Detroit's willingness to reconnect with Flint, the Mott Foundation's generous commitment, and the dedication of all parties to come together to protect Flint families and children."

Flint city leaders requested the state's help to fund the reconnection and to assist with health and infrastructure issues. Flint's move to the Great Lakes Water Authority is expected to cost about $1.3 million per month until the Karegnondi Water Authority is completed next summer.

"It's heartening to know so many people are working at so many levels to bring safe, clean water back to Flint," Mott Foundation President Ridgway White said. "We believe this transitional solution is the right and necessary thing to do, and we're glad we could help the state and the city make it happen."

The move to Detroit water, which is expected to carry, carries many public health benefits. As large bodies of water, the Great Lakes are naturally prone to fewer problems from large rain events and other runoff issues that can sometimes be present in shallower rivers. Additionally, the Great Lakes Water Authority water already has additional corrosion control, using phosphates to help coat the insides of pipes and limit lead from leaching into the water.

However, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control. Additionally, some households in the city could experience lead in their drinking water until all lead pipes and plumbing are replaced.

"Reconnecting to Detroit is the fastest way to deliver clean, safe water to Flint and stabilize the infrastructure system," Flint Mayor Dayne Walling said. "I appreciate the state, the Mott Foundation, Detroit, and the county's participation in a solution for Flint's water problems. The health and safety of Flint's families, children and seniors is my top priority, and reconnecting to Detroit is a major step that the city could not take alone given budget constraints."

To best protect public health, Snyder said state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services today also committed an additional $3.5 million for water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

Free filters are available for current MDHHS clients at the 125 E. Union St. or 4809 Clio Road MDHHS office locations. For residents who are not currently enrolled in MDHHS assistance programs, free filters are available at the Genesee County Community Action Resource Department offices at 2727 Lippincott and 601 North Saginaw in Flint. Staff will be at all four locations from 9 a.m. to 4 p.m., Monday through Friday, to distribute filters and assist residents who have questions about proper installation. At the Lippincott location only, extended hours will be offered this weekend, including until 7 p.m. on Thursday and Friday and from 10 a.m. to 2 p.m. on Saturday.

Other good practices for residents concerned about lead include turning on the cold water tap and running the water until it's as cold as it will go. Additionally, only use cold water for cooking, drinking and especially mixing baby formula.

School test results released; more investigation planned

The state today also released the first results from its lead screening program in schools and homes. Of 37 total samples taken at 13 buildings, four samples spread over three buildings exceeded the federal action level of 15 parts per billion.

However, this sampling provides only an initial screen, and the state is committing to further testing water and inspecting plumbing at these schools. Until testing is complete, schools are advised to continue using bottled water and filtration as a precaution to protect children.

In addition, free testing is still available for any other Flint school, including daycares and Head Starts. Free testing is also available for any Flint resident.

Additional information, including more detailed lead screening results, is available at www.michigan.gov/flintwater.

###

From: Wisniewski, Wendy (GOV)
Sent: Monday, October 12, 2015 2:13 PM
To: Agen, Jarrod (GOV)
Cc: Clement, Elizabeth (GOV)
Subject: RE: Flint next steps meeting

Jarrod - Before I reached out to Dan and Nick's offices I thought I'd see if there was a time that worked for a majority of our people. Along with your guys calendars, I can see Dick, Rich's and John Walsh's calendars and there is not a time where they are all available at the same time. So can you tell me which one or ones we can lose. Rich is out all day tomorrow and then flies to Nashville Wednesday night and is off on Thursday.

-----Original Message-----
From: Agen, Jarrod (GOV)
Sent: Monday, October 12, 2015 2:05 PM
To: Wisniewski, Wendy (GOV) <wisniewskiw@michigan.gov>
Cc: Clement, Elizabeth (GOV) <clemente@michigan.gov>
Subject: Flint next steps meeting

Wendy,

Can we arrange a meeting in next couple days to discuss next steps with Flint and the after action report for water testing.

Need to have Dennis, Beth, and me (or two of the three).

Rich
Dan Wyant
Nick Lyon
Harvey
Walsh
Wurfel/Murray
Redford
Dick

Thanks
Jarrod

From: Bowling, Joe'L (GOV)
Sent: Monday, October 12, 2015 4:52 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: PHONE MESSAGE: Chad Halcom - Crain's Detroit Business

Name: Chad Halcom
Outlet: Crain's Detroit Business
Topic: Time table for bill intro involving Flint and Detroit Water and Sewage Department
Phone: 313-446-6796
Email: chalcom@crain.com
Deadline: n/a

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

From: Hollins, Harvey (GOV)
Sent: Monday, October 12, 2015 8:46 PM
To: Wurfel, Sara (GOV); Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV)
Subject: Re: PRESS RELEASE: City Administrator Statement Regarding Rep. Phelps FOIA Request

Not Responsive She is the one who told me in late July that the city did not to have any part in delivering the 1500 filters we secured because their position was that the water was safe to drink. She is also the one to shoot down the firm the Rich got to come to Lansing to present new technology to treat the water by using far less chemicals the city was currently using. Smh

Best,
Harvey

On Oct 12, 2015, at 8:32 PM, Hollins, Harvey (GOV) <hollinsh@michigan.gov> wrote:

> I don't think Natashia's statement is true ...
>
> "The City of Flint is operating as permitted by the MDEQ..." It sounds like DEQ instructed them to do what they did.
>
> Begin forwarded message:
>
> > **From:** Jason Lorenz <jlorenz@cityofflint.com>
> > **Date:** October 12, 2015 at 7:15:00 PM EDT
> > **To:** undisclosed-recipients:;
> > **Subject: PRESS RELEASE: City Administrator Statement Regarding Rep. Phelps FOIA Request**
> >
> > **For Immediate Release**
> >
> > **City Administrator Statement Regarding Rep. Phelps FOIA Request**
> >
> > Flint, Michigan – October 12, 2015 – The following statement is in response to remarks from Representative Phil Phelps regarding his recent Freedom of Information Act request of the City of Flint.
> >
> > "The City of Flint is operating as permitted by the MDEQ, however the specific documents requested by Rep. Phelps do not exist. As the City's full-time back up water source during the previous contract with DWSD, the Flint River was already an approved drinking water source. This issue could be as simple as a miscommunication on what was sought by Rep. Phelps and the City is willing to meet with his office to clarify and provide more information."
> >
> > -Natasha L. Henderson
> > City Administrator, City of Flint

–END

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

<CA.RE.Phelps.10.12.15.pdf>

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 13, 2015 12:18 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Murray, David (GOV)
Subject: Fwd: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

Please see below.

We're going to address by noting that this move to was something that community had supported as well, that we know Darnell cares deeply about kids and the residents he serves, but that primarily we're focused on future and all the steps we are taking in collaboration with all parties to ensure that Flint has safe drinking water and we're protecting public health, and that we will be conducting a full after action review.

Let me know ASAP if anyone has any concerns with that or other tweaks/ideas, otherwise, that's what we're going with.

Thanks and best,
SW

Sent from my iPad

Begin forwarded message:

> **From:** Ronald Fonger <RFONGER1@mlive.com>
> **Date:** October 13, 2015 at 10:12:12 AM EDT
> **To:** "wurfels@michigan.gov" <wurfels@michigan.gov>
> **Subject: FW: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable**
>
> Sara:
> Would your office want to comment on this call from state Dems for the governor to fire Darnell Earley from his position with the Detroit schools?
> Thanks,
>
> **Ron Fonger**
> MLive Media Group
> Reporter
>
> mobile PPI
> email rfonger1@mlive.com
> address 540 S. Saginaw St. #101, Flint MI 48502
>
> **From:** MDP Press [mailto:press@michigandems.com]
> **Sent:** Tuesday, October 13, 2015 8:52 AM

To: MDP Press
Subject: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

FOR IMMEDIATE RELEASE
News from the Michigan Democratic Party

October 13, 2015
Contact: Paul Kanan, 517.371.5410; pkanan@michigandems.com

MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

LANSING – The Michigan Democratic Party issued the following statement today, on behalf of Party Chair Brandon Dillon, demanding those responsible for the Flint water crisis be held accountable and calling on Governor Snyder to immediately fire former Flint EM, and current EM for Detroit Public Schools, Darnell Earley:

"Accountability in government means answering to the people you serve, not just cleaning up your mistakes using their money," said Brandon Dillon, Chair of the Michigan Democratic Party.

"This catastrophe began with the governor's appointed emergency manager, and as much as Governor Snyder would like to pretend, this is not a matter of negotiating at the boardroom table. This is a situation where you pay for your mistakes and put those responsible on the chopping block.

"That is why we are calling for the immediate firing of the governor's handpicked emergency manager for Flint, Darnell Earley. Earley was in charge when the decision was made to switch the city to unsafe drinking water. If poisoning children wasn't bad enough, after Earley failed the citizens of Flint, the governor inexplicably rewarded him with another appointment – emergency manager for Detroit Public Schools – where he is now responsible for the education of nearly 50,000 students.

"The children of Flint and Detroit are being robbed of what most of us take for granted – safe drinking water and a quality education. The wholesale theft of our children's futures must end now. That begins with the removal from power all those that would sacrifice the future of a single child in Michigan – let alone thousands – in order to add a few extra dollars to the bottom line."

###

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 13, 2015 1:43 PM
To: Agen, Jarrod (GOV)
Subject: FW: Flint
Attachments: 1st letter to blend.pdf; 2nd request to blend.pdf; KWA Approval.pdf; Kurtz KWA.pdf; DWSD Termination Ltr.pdf

Importance: High

Timeline – I think this covers most of what Governor said he wanted and needed.

Kurtz was EM at time of final decision/move to switch to KWA. Earley was EM at time of switch to Flint River water.

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, October 13, 2015 1:40 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Subject: Flint
Importance: High

As requested, see below and attached. Let me know if this is what you need.

Flint EM dates (financial emergency declared in December 2011)

Mike Brown, apptd 12-1-11 (when fin emer declared under PA 4 of 2011)
Ed Kurtz, apptd 8-8-12 (when PA4 was repealed in Aug 2012, Brown couldn't serve as EM, PA 72 back in effect)
Mike Brown, apptd 7-4-13 (Kurtz retired; PA436 in effect)
Darnell Earley, apptd 10-8-13 (Brown resigned)
Gerald Ambrose, apptd 1-13-15 (Earley appointed DPS EM)

Financial Emergency resolved, 4-29-15 (RTAB apptd)

Other dates

June 26, 2012 – Letter from EM Brown to DWSD seeking permission to blend river water with DWSD water (attached).

Sept. 20, 2012 – Letter from EM Kurtz to DWSD requesting written permission to implement blending (attached).

March 25, 2013 – The Flint City Council endorses joining KWA (see url below)
http://blog.mlive.com/newsnow_impact/print.html?entry=/2013/03/flint_city_council_approves_re.html

April 11, 2013 – Treasurer Dillion sends letter to EM Kurtz (attached) noting conditional approval of move to KWA (pursuant to PA436), pending a review of DWSD's last, best offer.

April 16, 2013 – EM Kurtz informs Treasury that the City will join KWA (attached).

April 17, 2013 – DWSD transmits letter to EM Kurtz terminating service to Flint, effective April 17, 2014 (attached).

April 17, 2014 – Water service from DWSD officially ends.

CITY OF FLINT

Infrastructure and Development

Dayne Walling
Mayor

Michael K. Brown
Emergency Manager

Howard D. Croft
Director

June 26, 2012

Sue F. McCormick
Director DWSD
735 Randolph St.
Detroit, MI 48226

Dear Ms. McCormick,

In cooperation with the Michigan Department of Environmental Quality (MDEQ) and city engineers, the City of Flint has undertaken a review of the regulatory requirements necessary to supply water to our residential and commercial customers. As part of our evaluation it was determined that the Flint Water Treatment Plant is capable of successfully "blending" or "co-mingling" water sources while continuing to provide quality drinking water to citizens.

The Flint Water Treatment Plant would require approximately $1.3 million dollars in increased expenses in order to blend as much as one third (1/3) of treated river water with two thirds (2/3) of treated DWSD water. Using the 2013 DWSD rates this would result in savings of between two and three million dollars annually based on current usage data. The MDEQ has provided Flint with written documentation supporting our blending of water sources and the potential benefit.

Given this information we respectfully request written permission from DWSD to proceed with blending treated Flint River Water with treated DWSD water.

It should be understood that our goal is to deliver both high quality and economically viable water to our customers. This goal has led us to fully consider all available options including purchasing water from the Karegnondi Water Authority and use of the Flint River. We believe that in order for an option with DWSD to be successful it is essential that along with the proposed authorization to blend water that there is a guaranteed containment of the new "fixed costs" that exist in the current fee structure. The new DWSD fixed charge of $707,000 each month regardless of amount of water used is five times the original $143,000 each month instituted only two years ago. This has resulted in the cost of water from DWSD dropping in recent years as the overall fee has increased annually by millions although our usage has continued to decline. The continuation of this trend would render our request and goals invalid.

With the current Emergency Manager condition in Flint we believe that limiting an agreement to only three years is appropriate. This time frame would also serve as an evaluation period prior to any proposed long term agreement being considered.
We appreciate your consideration and look forward to working together.

Sincerely,

Michael K. Brown
Emergency Financial Manager Flint, Mi.

Edward J. Kurtz
Emergency Financial Manager

Dayne Walling
Mayor

September 20, 2012

Sue F. McCormick & DWSD Board
Director DWSD
735 Randolph Street
Detroit, MI 48226

Dear DWSD Board:

During the past nine months we have had several discussions with DWSD representatives regarding future water rates and other options including permission for Flint to blend treated water from DWSD. Flint currently has received written documentation from the state regulatory agency DEQ supporting the ability for Flint to safely blend treated water from Detroit.

In an effort to move forward we must have a written response from the DWSD Board that clearly states the following:

Will DWSD allow Flint to blend treated water from Detroit?

What are the rates given an estimated usage by Flint and Genesee County of:

- 23 MGD Average Daily Usage
- 40 MGD Maximum Day Usage

We are requesting this information be delivered to Flint no later than **October 1, 2012** so that we may evaluate all of our options and begin moving forward.

Sincerely,

Edward J. Kurtz
Emergency Financial Manager

City Hall
1101 S. Saginaw Street - Flint, Michigan 48502
810-766-7346 FAX: 810-766-7218 www.cityofflint.com

89 (Rev. 02-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

Mr. Edward Kurtz
Emergency Manager
City of Flint
1101 South Saginaw Street
Flint, MI 48502

April 11, 2013

Dear Mr. Kurtz:

Thank you for your March 29, 2013 letter, which is attached for reference. As the Emergency Manager for the City of Flint ("Flint" or "City"), you have asked for my concurrence, pursuant to Public Act 436 of 2012, the Local Financial Stability and Choice Act, to authorize a contract in excess of $50,000.00 not subject to competitive bidding. This request was related to the City entering into an agreement with the Karegnondi Water Authority (KWA) for provision of raw water for the City.

In considering your request, I took note of the following facts in support of Flint joining KWA. First, there is widespread support in the City for this move, including the support of the Mayor, the City Council, and the Emergency Manager. Second, this move will provide a unique opportunity for the City and County to partner on an important project, which will hopefully lead to future regional collaboration. Third, the Department of Environmental Quality is supportive of the City participating in the KWA project. Finally, your representations that this deal will lead to substantial savings for the City over the coming decades, savings that are desperately needed to help with the turnaround of the City of Flint.

It is my understanding that the Detroit Water and Sewer Department is making a final best offer to Genesee County and the City of Flint next Monday, April 15, 2013. As such, this approval will be effective at 5 pm on April 16, 2013 after receiving written notice from the City that either no such offer was presented to the county and the City or that an offer was received and was rejected in good faith based upon specified objections.

For the reasons described above and subject to the conditions set forth herein, pursuant to Section 12 (3) of PA 436 of 2012, I am authorizing you to proceed with adopting the resolution and entering into a contract with KWA.

Sincerely,

Andy Dillon
State Treasurer

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
EDWARD J. KURTZ

ELECTRONIC LETTER

April 16, 2013

Andy Dillon
State Treasurer
P. O. Box 30716
Lansing, MI 48909

Dear Treasurer Dillon:

Flint, Genesee County and KWA received an eight page letter from Detroit Water and Sewerage Department (DWSD) offering a framework for a long-term agreement with our region. Two scenarios were presented;

Scenario 1: Water from the Lake Huron Plant.

This offer was dismissed immediately because Flint would still be responsible for their share of the KWA water pipeline delivery system estimated to be $79 million. In addition Flint would not be able to operate the Flint Water Plant in which we have invested over $40 million per MDEQ mandates over the past ten years. Finally, although DWSD shows this as an option and supplied a per month cost projection for the first year, no total costs over the life of the contract were provided.

Scenario 2: "Full Service" Water Supply

This offer was also rejected. DWSD would supply water to Flint/Genesee the same way they currently are today. They would change the method of calculating our bill. The offer would provide a $1.00 per ccf reduction on our usage for the first year, providing a 30 year contract is signed.

After review of the offer, Flint/Genesee has the following concerns:

1. DWSD's offer is a framework subject to negotiations and is not a firm offer.

2. DWSD's offer is based on 40.6 mgd, the KWA plan is based on 60 mgd. Flint/Genesee last summer hit the peak of 40.6 mgd and this DWSD offer provides no room for growth. Growth would result in penalties or added cost.

3. DWSD's offer does not include a guaranteed rate for years two through thirty, nor does it provide a maximum annual increase.

4. DWSD's offer does not provide a redundant supply for GCDC.

5. DWSD's offer does not allow for the use of Flint's existing water plant.

6. The offer indicates that the total cost to Flint over the life of the contract would be $587,990,665. No indication of what annual rate of increase was used in this projection. Flint can only assume it is 4.4% based on the Tucker Young report. It is also based on 40.6 mgds. KWA's proposal is for $649,775,166 based on 60mgds (33% more). Based on 60 mgds DWSD's proposal would be $868,950,738.

On a final note, Flint/Genesee has great concern over the accuracy of the figures provided by DWSD. Attachment 1 indicates that our joint annual cost to DWSD is $50 million; actual cost is less than $25 million. Attachment 2 indicates $800 million in savings over the next 30 years. That is greater than the total cost we would pay DWSD.

Therefore, I will sign the resolution to join KWA at the close of business today.

Sincerely,

Edward J. Kurtz
Emergency Manager

City of Detroit
Water and Sewerage Department
Office of the Director

735 Randolph Street
Detroit, Michigan 48226
www.detroitmi.gov

RECEIVED
CITY COUNCIL
CITY CLERK'S OFFICE
2013 APR 19 AM 11:23

April 17, 2013

Via Certified Mail and Electronic Delivery

Ms. Inez M. Brown
City Clerk
City of Flint
2nd Floor, City Hall
1101 S. Saginaw Street
Flint, Michigan 48502

Dear Ms. Brown:

Regarding: Termination of Contract for the Provision of Water Services by the City of Detroit, Water and Sewerage Department

On December 20, 1965, the City of Detroit, through its Board of Water Commissioners, (DWSD) and the City of Flint, Michigan (Flint) entered into a contract for the provision of DWSD treated water to Flint and the distribution by flint of that water to other Genesee County communities. Section 18 of that Agreement[1] provides:

18. The Board [DWSD] shall supply and sell water to the City [Flint] from the water system of the City of Detroit, and the City shall receive and purchase such water in accordance with the terms of this Agreement for an indefinite period of time but at least for a period of thirty-five (35) years from the date hereof. This Agreement may be terminated by either party after expiration of said 35-year period, upon one year's written notice served upon the other party by delivering the same to the Secretary of the Board or to the Clerk of the City as the case may be, or at any time upon mutual consent of both parties.

Please take notice that pursuant to this section, 18, of the above-referenced Agreement, DWSD is terminating this Agreement one year from today's date (April 17, 2014).

Sincerely yours,

Sue F. McCormick
Director

[1] Although the Agreement between DWSD has been subsequently amended, Section 18 remains unchanged and in full effect.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 13, 2015 3:07 PM
To: Wurfel, Sara (GOV)
Cc: Clement, Elizabeth (GOV); Agen, Jarrod (GOV); Hollins, Harvey (GOV); Baird, Richard (GOV); Murray, David (GOV)
Subject: Re: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

So, you don't want to say that the Governor doesn't believe he wants to execute his power under the constitution to remove the Mayor and Council of Flint, the Chair of the County Board of Commissioners and the Drain Commissioner since they ultimately brought this change to bear without proper understanding of the issues, and since they had previously approved the use of the Flint River to supplement the Genesee County system...I'm only being half facetious taking this tack...

On Oct 13, 2015, at 12:18 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> Please see below.
>
> We're going to address by noting that this move to was something that community had supported as well, that we know Darnell cares deeply about kids and the residents he serves, but that primarily we're focused on future and all the steps we are taking in collaboration with all parties to ensure that Flint has safe drinking water and we're protecting public health, and that we will be conducting a full after action review.
>
> Let me know ASAP if anyone has any concerns with that or other tweaks/ideas, otherwise, that's what we're going with.
>
> Thanks and best,
> SW
>
> Sent from my iPad
>
> Begin forwarded message:
>
> > **From:** Ronald Fonger <RFONGER1@mlive.com>
> > **Date:** October 13, 2015 at 10:12:12 AM EDT
> > **To:** "wurfels@michigan.gov" <wurfels@michigan.gov>
> > **Subject: FW: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable**
> >
> > Sara:
> > Would your office want to comment on this call from state Dems for the governor to fire Darnell Earley from his position with the Detroit schools?
> > Thanks,
> >
> > **Ron Fonger**
> > MLive Media Group
> > Reporter
> >
> > mobile PPI

email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: MDP Press [mailto:press@michigandems.com]
Sent: Tuesday, October 13, 2015 8:52 AM
To: MDP Press
Subject: MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

FOR IMMEDIATE RELEASE
News from the Michigan Democratic Party

October 13, 2015
Contact: Paul Kanan, 517.371.5410; pkanan@michigandems.com

MDP Statement: Those Responsible for Flint Water Crisis Must Be Held Accountable

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"Accountability in government means answering to the people you serve, not just cleaning up your mistakes using their money," said Brandon Dillon, Chair of the Michigan Democratic Party.

"This catastrophe began with the governor's appointed emergency manager, and as much as Governor Snyder would like to pretend, this is not a matter of negotiating at the boardroom table. This is a situation where you pay for your mistakes and put those responsible on the chopping block.

"That is why we are calling for the immediate firing of the governor's handpicked emergency manager for Flint, Darnell Earley. Earley was in charge when the decision was made to switch the city to unsafe drinking water. If poisoning children wasn't bad enough, after Earley failed the citizens of Flint, the governor inexplicably rewarded him with another appointment – emergency manager for Detroit Public Schools – where he is now responsible for the education of nearly 50,000 students.

"The children of Flint and Detroit are being robbed of what most of us take for granted – safe drinking water and a quality education. The wholesale theft of our children's futures must end now. That begins with the removal from power all those that would sacrifice the future of a single child in Michigan – let alone thousands – in order to add a few extra dollars to the bottom line."

###

From: Bedan, Morgan (GOV)
Sent: Tuesday, October 13, 2015 4:25 PM
To: Agen, Jarrod (GOV)
Subject: RE: Flint Timeline

Will do.

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 13, 2015 4:14 PM
To: Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Clement, Elizabeth (GOV) <clemente@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Flint Timeline
Importance: High

Can we put into Gov's briefing tonight?

Kurtz was EM at time of final decision/move to switch to KWA. Earley was EM at time of switch to Flint River water.

Flint EM dates (financial emergency declared in December 2011)

Mike Brown, apptd 12-1-11 (when fin emer declared under PA 4 of 2011)
Ed Kurtz, apptd 8-8-12 (when PA4 was repealed in Aug 2012, Brown couldn't serve as EM, PA 72 back in effect)
Mike Brown, apptd 7-4-13 (Kurtz retired; PA436 in effect)
Darnell Earley, apptd 10-8-13 (Brown resigned)
Gerald Ambrose, apptd 1-13-15 (Earley appointed DPS EM)

Financial Emergency resolved, 4-29-15 (RTAB apptd)

Other dates

June 26, 2012 – Letter from EM Brown to DWSD seeking permission to blend river water with DWSD water (attached).

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April 17, 2013 – DWSD transmits letter to EM Kurtz terminating service to Flint, effective April 17, 2014 (attached).

April 17, 2014 – Water service from DWSD officially ends.

From: Wurfel, Brad (DEQ)
Sent: Friday, October 16, 2015 11:21 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: FW: Flint Press Release
Attachments: Flint Press Release.pdf

Importance: High

Heads up, EPA announcing its task force per Wyant's briefing yesterday.
b

From: Thelen, Mary Beth (DEQ)
Sent: Friday, October 16, 2015 11:20 AM
To: Wurfel, Brad (DEQ)
Cc: Tommasulo, Karen (DEQ)
Subject: FW: Flint Press Release
Importance: High

Brad, Director asked that you share with Sara Wurfel.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: Williams, Felicia [mailto:Williams.Felicia@epa.gov] **On Behalf Of** Hedman, Susan
Sent: Friday, October 16, 2015 11:00 AM
To: Wyant, Dan (DEQ)
Cc: Thelen, Mary Beth (DEQ)
Subject: Flint Press Release

Hi Dan --

We will be issuing the attached press release in about 30 minutes -- it describes the Task Force that we discussed yesterday. If you would like to talk further, I will be available this afternoon.

Thanks,

Susan

United States Environmental Protection Agency | Region 5 77 West Jackson Blvd. Chicago, Illinois 60604 | Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

EPA Environmental NEWS RELEASE

Contact Information: Anne Rowan, rowan.anne@epa.gov 312-353-9391

For Immediate Release No. 15-OPA160

EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint

Task Force providing technical assistance on reconnecting the Flint drinking water system to a new source

CHICAGO (October 16, 2015) - Today U.S. Environmental Protection Agency Region 5 Administrator Susan Hedman established the Flint Safe Drinking Water Task Force to provide the Agency's technical expertise through regular conversations with designated officials from Michigan Department of Environmental Quality (MDEQ) and the City of Flint. The Task Force will be led by the Region 5 Deputy Regional Administrator and will assist with developing and implementing a plan to secure water quality, including measures to optimize corrosion control. Task Force members will be available to consult with MDEQ and the City of Flint on site in Flint. The Task Force will also coordinate as necessary with federal, state and local public health agencies to assist with protection of public health.

Specifically, the Task Force will provide technical assistance to the MDEQ and the City of Flint to reconnect the Flint system to a new source of drinking water (to be supplied by the Great Lakes Water Authority) and to optimize corrosion control for the Flint system, starting in October 2015. The Task Force will also provide technical assistance to the MDEQ and the City of Flint, as needed, in advance of and following connection of the Flint water system to a new source of drinking water (to be supplied by the Karegnondi Water Authority) and to optimize corrosion control for the Flint system, starting in 2016.

"EPA is committed to working with our state and local partners to ensure a safe and reliable drinking water supply for the residents of Flint, Michigan," Hedman said. "The formation of this task force continues our commitment to providing technical assistance to the City of Flint and the State of Michigan."

The Task Force will be comprised of scientists and technical experts from the EPA Region 5 office in Chicago, the National Risk Management Research Lab in Cincinnati and the EPA drinking water program. In addition, EPA will ask the Governor to designate a MDEQ official and the Mayor of Flint to designate a city official, to serve as points of contact for the Task Force.

From: Murray, David (GOV)
Sent: Friday, October 16, 2015 2:11 PM
To: Muchmore, Dennis (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Baird, Richard (GOV); Hollins, Harvey (GOV)
Cc: Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Subject: DEQ reaction to the US EPA announcement?
Attachments: Flint Press Release.pdf

Good afternoon,

Sara asked me to share with you the DEQ's planned reaction to the U.S. EPA's press release about the Flint water situation, which is attached. Please let us know if you think we are missing anything.

Dave

Regarding the EPA announcement:
"We are glad to have the continued technical support and counsel from our federal partners. We have been working closely with the U.S. EPA on the challenges in Flint, including its added presence on the city's technical advisory and the Governor's 10-point plan. This is welcome news and we anticipate it will help us implement the Governor's strategy."

United States Environmental Protection Agency | Region 5 77 West Jackson Blvd. Chicago, Illinois 60604 | Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

EPA Environmental NEWS RELEASE

Contact Information: Anne Rowan, rowan.anne@epa.gov 312-353-9391

For Immediate Release No. 15-OPA160

EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint

Task Force providing technical assistance on reconnecting the Flint drinking water system to a new source

CHICAGO (October 16, 2015) - Today U.S. Environmental Protection Agency Region 5 Administrator Susan Hedman established the Flint Safe Drinking Water Task Force to provide the Agency's technical expertise through regular conversations with designated officials from Michigan Department of Environmental Quality (MDEQ) and the City of Flint. The Task Force will be led by the Region 5 Deputy Regional Administrator and will assist with developing and implementing a plan to secure water quality, including measures to optimize corrosion control. Task Force members will be available to consult with MDEQ and the City of Flint on site in Flint. The Task Force will also coordinate as necessary with federal, state and local public health agencies to assist with protection of public health.

Specifically, the Task Force will provide technical assistance to the MDEQ and the City of Flint to reconnect the Flint system to a new source of drinking water (to be supplied by the Great Lakes Water Authority) and to optimize corrosion control for the Flint system, starting in October 2015. The Task Force will also provide technical assistance to the MDEQ and the City of Flint, as needed, in advance of and following connection of the Flint water system to a new source of drinking water (to be supplied by the Karegnondi Water Authority) and to optimize corrosion control for the Flint system, starting in 2016.

"EPA is committed to working with our state and local partners to ensure a safe and reliable drinking water supply for the residents of Flint, Michigan," Hedman said. "The formation of this task force continues our commitment to providing technical assistance to the City of Flint and the State of Michigan."

The Task Force will be comprised of scientists and technical experts from the EPA Region 5 office in Chicago, the National Risk Management Research Lab in Cincinnati and the EPA drinking water program. In addition, EPA will ask the Governor to designate a MDEQ official and the Mayor of Flint to designate a city official, to serve as points of contact for the Task Force.

From: Biehl, Laura (GOV)
Sent: Friday, October 16, 2015 2:48 PM
To: Bedan, Morgan (GOV)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV)
Subject: Media Briefings: PRINT media for Monday

RDS/JW/SW- PRINT interview with Hiram Jackson and Keith Owens of the Michigan Chronicle

Date: Monday, Oct. 19, 2015

Time: 11:05-11:30 a.m.

Location: Governor's Office at SEMI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: Hiram cell: PPI; Office: PPI

RDS/JW/DMurray- PRINT interview with Crain's Detroit Business' editorial and reporting teams

Date: Monday, Oct. 19, 2015

Time: 12:15-12:45 p.m.

Location: Crain's Detroit Business Board Room, 1155 Gratiot Avenue, Detroit

Not Responsive

Reporters participating:
Mary Kramer- publisher
Jennette Smith- editor
Michael Lee- new managing editor
Sherri Welch- senior reporter
Lindsay VanHulle – Lansing correspondent

Article from Sept on staff changes/promotions at Crain's:
http://www.crainsdetroit.com/article/20150911/NEWS/150919960/crains-hires-newsroom-staff-promotes-jennette-smith-to-editor

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: Michael cell: PPI ; Jennette cell: PPI

Security POC: Barbara Cooney- 313-446-1669

RDS/JW/SW- PRINT interview with Detroit News' reporting and editorial teams

Date: Monday, Oct. 19, 2015

Time: 12:55-1:35 p.m.

Location: Detroit News offices – 160 W. Fort St. – 3rd floor

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Reporters participating (Subject to change):
Ingrid Jacques
Kaitlyn Buss
John Wolman
Chad Livengood
Richard Burr
Shawn Lewis

NOTE: Nolan is in Paris with his granddaughter

Recent articles:

Not Responsive

Contact: Ingrid cell: PPI; Ingrid desk: PPI

RDS/JW/SW- PRINT interview with Detroit Free Press' reporting and editorial teams

Date: Monday, Oct. 19, 2015

Time: 1:40-2:20 p.m.

Location: Detroit Free Press offices- 160 Fort St. – 2nd floor

Not Responsive

Possible Topics:

- Not Responsive

- Not Responsive
-
- Flint water

Reporters participating:
Stephen Henderson
Brian Dickerson
Nancy Kaffer
Jewel Gopwani
Ann Zaniewski
Lori Higgins
Paul Egan or Kathy Gray
Rochelle Riley
Tom Walsh

Recent articles:

Not Responsive

State funding for Flint water is just a down payment: http://www.freep.com/story/news/columnists/rochelle-riley/2015/10/16/state-funding-flint-water-down-payment/73977446/
Senate approves, Snyder signs cash for Flint water fix: http://www.freep.com/story/news/local/michigan/2015/10/15/senate-gives-quick-unanimous-approval-flint-water-fix/73979168/

Not Responsive

Contact: Selma- PPI Jewel- PPI

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI *new number
BiehlL@Michigan.gov

From: Muchmore, Dennis (GOV)
Sent: Friday, October 16, 2015 4:32 PM
To: Wyant, Dan (DEQ); Lyon, Nick (DHHS); Hollins, Harvey (GOV)
Cc: Lasher, Geralyn (DHHS); Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: PRESS RELEASE: City of Flint Reconnects to Detroit Water
Attachments: CoF.DWSD.Agreement.2015.pdf

fyi

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Friday, October 16, 2015 4:09 PM
Subject: PRESS RELEASE: City of Flint Reconnects to Detroit Water

For Immediate Release

City of Flint Reconnects to Detroit Water

Flint, Michigan – October 16, 2015 – Flint has reconnected to Detroit water. reached an agreement with the Detroit Water and Sewerage Department (DWSD) for the temporary provision of treated Lake Huron water to Flint. Work to establish the reconnection will begin immediately in a coordinated effort between the City of Flint, Genesee County and the DWSD.

A tremendous effort by all three partners, along with the efforts of the Governor and the State Legislature, ensured that this action occurred as quickly as possible. "The money from the state to begin fixing Flint water by reconnecting to Detroit is just a start – a down payment,´ said Mayor Dayne Walling. "I am not going to stop until every drop of drinking water in Flint is 100% safe."

Detroit water will be introduced into the Flint system throughout the evening. It is expected that the thorough replacement from Flint River water to Detroit water will happen after approximately three weeks. Residents in Flint may see discoloration as well as noticing some taste and odor issues during the transition.

Water provided by DWSD will contain corrosion control agents to hinder the leaching of lead from old pipes into the water; however, the City will also be adding additional corrosion control agents to further minimize the risk presented by lead pipes.

The contract between the City and DWSD calls for the provision of 12.5 million gallons per day (mgd) of treated water from Lake Huron at a cost of $1.1 million per month. DWSD Director Sue McCormick noted that the talks between Flint, DWSD and the GLWA Board were very cordial: "everyone acted in a spirt of cooperation in order to come to this agreement." Flint will purchase water from Detroit until the Karegnondi

Water Authority (KWA) pipeline can be completed in 2016. At that time, the KWA will become the primary water source for the City and the Flint River will remain as a backup system.

Residents with questions or concerns about the hydrant flushing in their area can call the Water Service Center at 810-766-7202. Continuing information on water will be provided via the City of Flint's website, cityofflint.com.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039 (Office)
PPI (Cell)
jlorenz@cityofflint.com

Dayne Walling
Mayor

Natasha L. Henderson
City Administrator

Jason Lorenz
Public Information Officer
Office: (810) 237-2039
Cell: PPI
jlorenz@cityofflint.com

For Immediate Release

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–CONTINUE–

Dayne Walling
Mayor

Natasha L. Henderson
City Administrator

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–END–

From: Wurfel, Brad (DEQ)
Sent: Sunday, October 18, 2015 3:54 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Muchmore, Dennis (GOV)
Cc: Wyant, Dan (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Detroit News Flint II
Attachments: Detroit News Flint II.docx

All,
Need your review of this document. It's our response to Detroit News story they're prepping for tomorrow.

Per Sara, Dan will call Jarrod shortly to discuss what we're proposing to do here.
Thanks,
b

Brad,

After reviewing the emails made available through FOIA, there are several things that seem to need addressing.

1. It appears DEQ staffers have essentially downplayed or ignored warning signs from EPA's water expert, Miguel Deltoral. We have been aware of Mr. Deltoral's unofficial memo that went public in April. But his email dated two months earlier on Feb. 27, to Jennifer Crooks and Mike Prysby, he seems to lay out exactly what's come to pass…

"(Particulate lead readings) Folks tend to discount these values as anomalies, but particulate lead release is a normal part of the corrosion process and it is universal (common) in all systems. It's just that it's not captured as often by the infrequent LCR sampling. If systems are pre-flushing the tap the night before collecting LCR compliance samples (MDEQ) still provides these instructions to public water systems) this clears particulate lead out of the plumbing and biases the results low by eliminating the highest lead values. If systems are pre-flushing and still finding particulate lead, the amount of particulate lead in the system can be higher than what is being detected using these "pre-flushed" first-draw samples.

"My point on that was that people are exposed to the particulate lead on a daily basis, but the particulate lead is being flushed away before collecting compliance samples which provides false assurance to residents about the true lead levels in the water."

Miguel goes on to address the optimal corrosion control situation in that same Feb 27 email.

"If I remember correctly, Detroit is feeding (phosphate) for the lead/copper rule, but since Flint is no longer part of that interconnection, I was wondering what their OCCT was. They are required to have OCCT in place which is why I was asking what they were using."

So what I'm seeing here is Miguel having raised these issues as far back as February. When unofficial April memo shows up, it's clear these issues still haven't been addressed.

Another email from the day before came from Jennifer Crooks at EPA which also highlights early concern about a lack of proper corrosion controls as well as the testing methods.
"The City can't just flush in advance of taking the compliance samples, they have to flush the lines on a regular basis."

Can you respond to the fact that it appears the state ignored or disregarded several warnings from EPA officials about testing deficiencies and insufficient corrosion controls?

Emails offer snapshots of a much broader conversation. The program staff did not ignore the information. They believed they were handling the situation in full accordance with federal protocols, and contacted EPA Region 5 officials promptly to seek guidance. They were more than halfway done with compliance sampling under the federal protocol and the 90^{th} percentile samples to that point showed 6 pbb – barely in excess of the 5 pbb threshold.

2. Corrosion control, or the lack thereof, seems to be another major problem here. At the first of the recent press conferences, Dan Wyant said that lime was being used as a corrosion control method. But that is clearly contradicted by DEQ staff at several points. One of those is Pat Cook's email from April 24.
"Flint is currently not practicing corrosion control treatment at the (water treatment plant)."
This puts Dan's comments about the lime into question.
There's been some confusion on this point, and I think it was addressed in our previous response. This was a misunderstanding with technical staff. Lime was added to soften the water. While it adjusts pH and can have some impact on corrosivity, it was insufficient corrosion control.

3. I gather from several exchanges in here that EPA and DEQ disagree over that the state's responsibility was in ensuring there was optimal corrosion control. One of the emails from July includes notes from a meeting of all the parties shows that EPA was asking why that hadn't been used from the outset, and the state's response was something along these lines:

""MDEQ explained that they did not treat the switch to Flint River water as a "new system," but as a new source. It is their understanding that two rounds of 6-month testing is still needed to characterize the water quality. They don't know what optimized is until those two rounds of six month monitoring are completed."

Under the lead copper rule, was the state required to have phosphate treatment in place? It appears here that the state chose to interpret the CLR as not requiring corrosion control. That seems like a highly dubious conclusion.

And after concerns were raised repeatedly beginning (at least as early as February), why was nothing done?

What has become clear in recent weeks is that staff believed they were handling the situation in accordance with the proper protocol for a water provider using a new source, but the federal Lead and Copper rule has a particular provision for communities over 50,000 people; that the system operator must continue treating with full corrosion control even as they test the water.

What the staff did would have been the proper protocol for a community under 50,000 people. None of the DEQ staff in this division had ever worked on a water source switch for a community over 50,000 people – it's uncommon for our big communities to switch sources.

It's increasingly clear there was confusion here, but it also is increasingly clear that DEQ staff believed they were using the proper federal protocol and they were not.

The Governor will soon announce an independent, third party, after-action review to detail what happened and why, and offer steps to make sure Michigan's drinking water program is on a better course in the future.

4. Another area of concern, one I mentioned on the phone, is the pace of response. And I understand that the lead copper rule lays out response times. But you have concerns being raised about lead by an EPA expert as far back as February. The state's response, in several instances, is that federal guidelines give us two six-month periods to collect samples, and then more time to submit an action plan, and then a year or more to enact that plan.

   While those delays in making a change may be permitted under the law, given that we're talking about a possible public health crisis, why wasn't there more expediency? The responses in these

emails appear to be without any sense of urgency at a time when Flint residents may have been drinking dangerous water.

The results of two rounds of water testing showed the city needed to move to optimizing its corrosion control. That order was issued Aug. 17.

5. At many points along the way, serious concerns are made about the state's testing methods. The Virginia Tech results were not the first time someone had indicated state testing – as approved by federal guidelines – might not be giving accurate readings.

   Miguel's April memo reads: "I wanted to follow up on this because Flint has essentially not been using any corrosion control treatment since April 30, 2014 and they have (lead service lines). Given the very high lead levels found at one home and the pre-flushing happening in Flint, I'm worried that the whole town may have much higher lead levels than the compliance results indicated, since they are using pre-flushing ahead of their compliance sampling."

There is substantial controversy over the lead and copper rule – the EPA has been working for years on ways to update it, and Michigan will be an active part of that conversation going forward. The situation in Flint is a snapshot of an issue affecting cities around the state and the nation. More than a dozen states use the sampling protocol Michigan uses – that's not a defense of the protocol, but rather an indication that even experts on the issue disagree about the most effective testing methods.

What everyone can agree on is that lead is a serious issue. And I think everyone can agree that when the state came to recognize that there could be a health threat in the city, we took appropriate action. We are now engaged in an unprecedented effort to protect kids and families in Flint, develop more knowledge about what has happened and how people were affected, and take steps to make sure it doesn't happen again – in Michigan, or anywhere else.

All the people who brought this issue forward deserve credit for bringing it to us. Our actions reflected inexperience, and our public response to criticism was the wrong tone early in this conversation. But the best we can do with the situation going forward is represented in our present course – the Governor's plan represents all the suggestions outlined in the draft EPA memo, the Virginia Tech report, and the guidance we've gotten from EPA.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in protection.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Wyant, Dan (DEQ)
Cc: Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Importance: High

This is going out to media as soon as I've got green light from folks in the "to" line. Everyone else is also welcome to share thoughts as well.
Thanks for fast review.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

DEQ Director Dan Wyant today made the following statement as he announced DEQ Chief Deputy Jim Sygo will immediately assume the role of interim chief of the department's Office of Drinking Water and Municipal Assistance:

"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Wyant, Dan (DEQ)
Sent: Monday, October 19, 2015 9:08 AM
To: Wurfel, Brad (DEQ)
Cc: Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Muchmore, Dennis (GOV); Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

I'm good with this.

Sent from my iPhone

On Oct 19, 2015, at 8:35 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

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> Thanks for fast review.
> b
>
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> Communications Director
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From: Muchmore, Dennis (GOV)
Sent: Monday, October 19, 2015 9:13 AM
To: Wyant, Dan (DEQ)
Cc: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Tommasulo, Karen (DEQ); Krisztian, George (DEQ); Sygo, Jim (DEQ); Eisner, Jennifer (DHHS)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Difficult but necessary. DEQ professionals have made every effort to overcome all the issues put before them and all we can do is continue to persevere.

On Oct 19, 2015, at 9:07 AM, Wyant, Dan (DEQ) <WyantD@michigan.gov> wrote:

I'm good with this.

Sent from my iPhone

On Oct 19, 2015, at 8:35 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

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Sent: Monday, October 19, 2015 11:10 AM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: Re: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Yep - briefly covered with him earlier. Am sure Freep will push him pretty hard.

Sent from my iPhone

On Oct 19, 2015, at 11:02 AM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> I'm guessing you've covered it already, but please make sure Gov is aware of Dan's comments on DEQ "mistakes" before the Ed Boards.
> Dan sent the Gov a note yesterday to make sure he was aware. But I'm sure it will at least come up today.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
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"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they

believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Biehl, Laura (GOV)
Sent: Monday, October 19, 2015 3:42 PM
To: Bedan, Morgan (GOV)
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Tuesday Radio media briefings

RDS- LIVE radio interview with Rick Albin on WOOD Radio

Date: Tuesday, Oct. 20, 2015

Time: 7:20-7:30 a.m.
Call right at 7:20, live within 2 minutes

RDS to call: PPI

Not Responsive

Possible Topics:

- Not Responsive
- Flint water

Recent articles:

Not Responsive

Contact: PPI; Back-up: Rick cell: PPI

RDS- LIVE radio interview with Paul W. Smith on WJR

Date: Tuesday, Oct. 20, 2015

Time: 7:35-7:45 a.m.
Call right at 7:35, live within 1 minute

RDS to call: PPI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: PPI (studio); Backup: PPI (Producer Ann Thomas Cell)

RDS- TAPED Radio interview with Beth Fisher or Jackie Paige of WWJ Radio

Date: Tuesday, Oct. 20, 2015

Time: 7:50- 8 a.m.

RDS to call: PPI

Not Responsive

Possible Topics:

- Not Responsive

- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: PPI (studio); Back-up: PPI (News Director Rob Davidek cell)

RDS- TAPED Radio interview with Frank Beckmann on WJR Radio

Date: Tuesday, Oct. 20, 2015

Time: 8:20-8:30 a.m.

RDS to call: PPI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Not Responsive

Contact: Studio- PPI ; Back-up: Producer Terri Leib cell- PPI

RDS- LIVE Radio interview with Michael Patrick Shiels on Michigan's Big Show

Date: Tuesday, Oct. 20, 2015

Time: 8:35-8:45 a.m.
Call right at 8:35, live within 1 minute

RDS to call: PPI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: Studio: PPI ; Back-up: PPI (Producer Tony Cuthbert cell)

RDS- LIVE Radio interview with Richard Piet on WBCK Radio

Date: Tuesday, Oct. 20, 2015

Time: 8:50-9 a.m.
Call right at 8:50, live within 1 minute

RDS to call: PPI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: PPI; backup: PPI

RDS- LIVE Radio interview with Stephen Henderson on WDET Radio

Date: Tuesday, Oct. 20, 2015

Time: 9:05-9:25 a.m.
Call right at 9:05, live within 2 minutes

RDS to call: PPI

Not Responsive

Possible Topics:

-
- Not Responsive
-
- Flint water

Recent articles:

Not Responsive

Contact: Studio: PPI; back-up: PPI (Laura Weber Davis desk) second back-up: PPI (Laura Weber Davis cell)

Laura Biehl
Communications Manager
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: PPI *new number
BiehlL@Michigan.gov

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 20, 2015 8:32 AM
To: Baird, Richard (GOV); Saxton, Thomas (Treasury); Khouri, Nick (TREASURY); Stanton, Terry A. (Treasury); Workman, Wayne (TREASURY); Wurfel, Sara (GOV); Murray, David (GOV); Agen, Jarrod (GOV); Clement, Elizabeth (GOV)
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

I know that no one is going to want to do this, but I don't feel that it is unfair for Darnell to set the record straight. This should be a decision for the G, Jarrod and Dan, however, my guess is that Darnell is not going to quietly accept the abuse of the Flint people without having his voice heard.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
Subject: Earley Flint Water OpEd-FOR REVIEW AND INPUT

All,

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He is seeking your input before sending, and is looking for any feedback you might have by tomorrow afternoon. He has intentionally placed it on his EM letterhead as he is still acting in the capacity of an EM.

Thank you.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office
PPI, mobile

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 20, 2015 9:21 AM
To: Agen, Jarrod (GOV)
Cc: Murray, David (GOV)
Subject: FW: Earley Flint Water OpEd-FOR REVIEW AND INPUT
Attachments: Earley Flint Water Op-Ed_DRAFT5.docx

On my calendar to review this morning. Somewhat of a tricky box.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:53 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
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Phone: (313) 870-3772
Fax: (313) 870-3726
www.detroitk12.org

Op/Ed Re: Changes to Flint Water System Made By Local Leaders, Not EM ***DRAFT***
Author: Darnell Earley, ICMA-CM, MPA

It is critically important that the record be set straight about the decision-making and approval processes that led to Flint joining the Karegnondi Water Authority (KWA) with the use of Flint River water as the interim water supply. Contrary to reports in the media and rhetoric being espoused by individuals, the decision was made at the local level, by local civic leaders.

The fact of the matter is that the decision to separate from Detroit Water and Sewerage Department and go with the KWA, which included the decision to pump Flint River water in the interim, were both a part of a long-term plan that was approved by Flint's Mayor, and confirmed by a City Council vote of 7-1 on March 25, 2013. This plan was presented to me when I was appointed as Flint Emergency Manager - a full seven months after City Council's affirmative vote.

Genesse County Drain Commissioner Jeff Wright also made the affirmative vote by the City Council a necessary condition of joining the KAW, and applauded the decision in a March 26, 2013 news release, saying, "…I have said from the beginning that this decision must be made by Flint's City Council and Mayor…I am glad that the residents of Flint were able to have their voices heard via their elected officials."

The Mayor's approval of the plan, and the subsequent near unanimous vote by City Council were in no way coerced, forced or demanded by the State, nor any Emergency Manager. Council's affirmative vote was supported and officially signed into emergency order by then Emergency Manager Edward Kurtz on March 29, 2013. A subsequent order Kurtz signed on June 26, 2013, speaks specifically to the, "… upgrading of the Flint Water Plant to ready it to treat water from the Flint River to serve as the primary drinking water source for approximately two years and then converting to KWA delivered lake water."

When I began my term as Emergency Manager in October 2013, it fell to me to oversee the implementation of the previously accepted and approved plans, as the contract with DWSD expired in April 2014. It did not fall to me to question, second guess or to invalidate the actions that were taken prior to my appointment.

At the time the decision was made there was no way to predict such an unfortunate outcome. I would also offer that had local leaders known then what they know now, parts of their decision may have been entirely different. What the City of Flint and the State of Michigan are now dealing with is the management of an unintended consequence resulting in a negative outcome from an otherwise sound public policy decision. There is no "blame" to affix for that.

As the solutions are put into place to address the serious concerns at hand, I believe that everyone's attention should turn toward another serious concern -- what is being done in the long-term to replace the aged and

crumbling water distribution systems that exits throughout Flint and Genesee County, which was a major contributing factor to this serious issue in the first place.

I am a strong believer that the truth supported by fact, speaks for itself. This was a local decision that was made by local civic leaders. Anyone who says otherwise is being disingenuous for whatever reason. In the words of Mahatma Ghandi, *"Truth never damages a cause that is just."*

From: Murray, David (GOV)
Sent: Tuesday, October 20, 2015 9:24 AM
To: Agen, Jarrod (GOV)
Subject: FW: Earley Flint Water OpEd-FOR REVIEW AND INPUT
Attachments: Earley Flint Water Op-Ed_DRAFT5.docx

It's a little over the top, especially the quote at the bottom.

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Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
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From: Baird, Richard (GOV)
Sent: Tuesday, October 20, 2015 1:33 PM
To: Agen, Jarrod (GOV)
Cc: Hollins, Harvey (GOV)
Subject: Re: Flint Member for After Action Team

Harvey and I are on this. Ideally we should try and select today. Overton is best of this group but his Church is not in Flint.

Sent from my Verizon Wireless 4G LTE DROID

On Oct 20, 2015 1:19 PM, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov> wrote:

Rich & Harvey
Governor feels strongly that we need a Flint member of the After Action Commission.
Some suggestions from Dennis and the LG are below.
Do you have thoughts on getting a Flint person on board before we announce?

David Layton
Pastor Overton
Pastor Harris

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 20, 2015 2:02 PM
To: Darnell Earley
Cc: 'Kelly Rossman-McKinney'; Agen, Jarrod (GOV)
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

Darnell-
Jarrod does not believe you should send this on DPS letterhead. He thinks it will stoke the anti fires in Detroit and Flint. I'll let you talk directly with him if you have questions.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 20, 2015 1:44 PM
To: 'Michelle Zdrodowski' <michelle.zdrodowski@detroitk12.org>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

We think it is fine. Jarrod suggests strongly that you leave out the Ghandhi quote. We think it detracts from your overall message.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
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313.873.3238, office
PPI , mobile

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Tuesday, October 20, 2015 2:04 PM
To: Muchmore, Dennis (GOV)
Cc: Darnell Earley; Agen, Jarrod (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

Hey, gang - Given the way the story is headed now (DEQ, et al), I don't recommend Darnell send this out now. No need to reinsert himself into the story at this point. What do you recommend?

Sent from my iPhone

On Oct 20, 2015, at 2:01 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

> Darnell-
> Jarrod does not believe you should send this on DPS letterhead. He thinks it will stoke the anti fires in Detroit and Flint. I'll let you talk directly with him if you have questions.
>
> ---
>
> **From:** Muchmore, Dennis (GOV)
> **Sent:** Tuesday, October 20, 2015 1:44 PM
> **To:** 'Michelle Zdrodowski' <michelle.zdrodowski@detroitk12.org>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
> **Cc:** Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
> **Subject:** RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT
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> **From:** Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
> **Sent:** Monday, October 19, 2015 5:13 PM
> **To:** Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
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From: Darnell Earley <darnell.earley@detroitk12.org>
Sent: Tuesday, October 20, 2015 2:05 PM
To: Muchmore, Dennis (GOV)
Cc: 'Kelly Rossman-McKinney'; Agen, Jarrod (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

Hmmm...okay.

DE

Darnell Earley, ICMA-CM, MPA
Emergency Manager
Detroit Public Schools

From: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Sent: Tuesday, October 20, 2015 2:01 PM
To: Darnell Earley
Cc: 'Kelly Rossman-McKinney'; Agen, Jarrod (GOV)
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

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313.873.3238, office
PPI, mobile

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Tuesday, October 20, 2015 2:14 PM
To: Darnell Earley
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

I still recommend you sit tight and NOT send this - but let's see what Dennis and Jarrod say.

Sent from my iPad

On Oct 20, 2015, at 2:05 PM, Darnell Earley <darnell.earley@detroitk12.org> wrote:

> Hmmm...okay.
>
> *DE*
> Darnell Earley, ICMA-CM, MPA
> Emergency Manager
> Detroit Public Schools
>
> ---
>
> **From:** Muchmore, Dennis (GOV) <muchmored@michigan.gov>
> **Sent:** Tuesday, October 20, 2015 2:01 PM
> **To:** Darnell Earley
> **Cc:** 'Kelly Rossman-McKinney'; Agen, Jarrod (GOV)
> **Subject:** RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT
>
> Darnell-
> Jarrod does not believe you should send this on DPS letterhead. He thinks it will stoke the anti fires in Detroit and Flint. I'll let you talk directly with him if you have questions.
>
> ---
>
> **From:** Muchmore, Dennis (GOV)
> **Sent:** Tuesday, October 20, 2015 1:44 PM
> **To:** 'Michelle Zdrodowski' <michelle.zdrodowski@detroitk12.org>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
> **Cc:** Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
> **Subject:** RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT
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From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
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Thank you.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI, mobile

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Tuesday, October 20, 2015 3:17 PM
To: Agen, Jarrod (GOV)
Cc: Darnell Earley; Muchmore, Dennis (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

You heard the man, Darnell - go for it!

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> Cc: Darnell Earley <darnell.earley@detroitk12.org<mailto:darnell.earley@detroitk12.org>>; Kelly Rossman-McKinney <krossman@truscottrossman.com<mailto:krossman@truscottrossman.com>>
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> 3011 W. Grand Boulevard, 14th Floor
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> Detroit, MI 48202
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> 313.873.3238, office
>
> PPI , mobile

From: Darnell Earley <darnell.earley@detroitk12.org>
Sent: Tuesday, October 20, 2015 3:18 PM
To: Kelly Rossman-McKinney; Agen, Jarrod (GOV)
Cc: Muchmore, Dennis (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

Yay!

DE
Darnell Earley, ICMA-CM, MPA
Emergency Manager
Detroit Public Schools

From: Kelly Rossman-McKinney <krossman@truscottrossman.com>
Sent: Tuesday, October 20, 2015 3:16 PM
To: Agen, Jarrod (GOV)
Cc: Darnell Earley; Muchmore, Dennis (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

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<WorkmanW@michigan.gov<mailto:WorkmanW@michigan.gov>>; Wurfel, Sara (GOV)
<Wurfels@michigan.gov<mailto:Wurfels@michigan.gov>>; Murray, David (GOV)
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haddenf@michigan.gov<mailto:haddenf@michigan.gov>
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> PPI , mobile

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 11:32 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Cc: Baird, Richard (GOV)
Subject: Task force release
Attachments: PR 151020 Flint after action 5.docx

Team,

Here's a version of the release approved by the task force, with many suggestions from them included. (They dictated changes as I typed.)

They'd like me to send this around to them, and have us issue this later today if possible.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in water management, public health, medicine to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in water management, public health and medicine from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 12:28 PM
To: 'chris@environmentalcouncil.org'; 'erothste@grg-ltd.com'; 'ksikkema@pscinc.com'; 'mattdav@med.umich.edu'; 'reynolds@mottchc.org'; 'lrey52@gmail.com'
Cc: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Baird, Richard (GOV)
Subject: Flint water task force materials
Attachments: PR 151020 Flint after action 5.docx; Flint Water Task Force discussion points.docx

Task force members,

It was a pleasure assisting you today, and I'm happy to help as needed. Attached is a copy of the press release as well as the requested discussion points. Our intention is to issue the release early this afternoon, Please let me know if you would like any changes. Please feel free to contact me at any time.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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RICK SNYDER
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####

Flint Water Task Force discussion points

Oct. 21, 2015

High-level points

- The task force's mission is to provide an independent review of decisions and practices at the state, federal and city level concerning water in Flint.

- While members will review and report about what has transpired, the focus will be on improving practices moving forward. Members intend to develop recommendations for changes that can be applied in Flint and across Michigan.

- The task force will have full independence, and the administration has pledged full and complete cooperation.

- The goal is to have a completed report within three months, but the task force has the ability to extend that time frame if necessary. Members intend to conduct a thorough review, given the importance of its work.

- The task force will operate as transparently as possible, and there are expected to be opportunities for public input.

From: Muchmore, Dennis (GOV)
Sent: Wednesday, October 21, 2015 12:51 PM
To: Agen, Jarrod (GOV)
Subject: Fwd: 10.21.15-Ananich-Letter-LevinAppointment-FINAL.pdf

Your call.

Begin forwarded message:

> **From:** Andrew Leavitt <ALeavitt@senate.michigan.gov>
> **Date:** October 21, 2015 at 12:12:53 PM EDT
> **To:** Dennis Muchmore <muchmored@michigan.gov>
> **Subject: Re: 10.21.15-Ananich-Letter-LevinAppointment-FINAL.pdf**
>
> Hi Dennis,
>
> Jim spoke with Senator Levin. I think it is worth us talking about. Do you have time to chat today?
>
> On 10/21/15, 10:42 AM, "Andrew Leavitt" <ALeavitt@senate.michigan.gov> wrote:
>
> Good Morning Gentlemen,
>
> > Jim has placed a call to Senator Levin asking him if he would be interested in serving in some capacity on the Flint water review but they have not connected. To be fair to the Governor he wanted to make him aware that he would like Senator Levin to have a role in the process.
> >
> > Thanks,
> >
> > Andy

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:09 PM
To: Snyder, PPI
Cc: Agen, Jarrod (GOV)
Subject: Task Force release
Attachments: PR 151020 Flint after action 6.docx; Flint Water Task Force discussion points.docx

Good afternoon, Governor.

Jarrod asked me to send you a copy of the release, updated with input from the task force members. I've also attached the discussion points the members created during their meeting.

Please let me know if you 'd like any changes. Our plan is to release before your MiWeek interview so you can reference it.

Dave

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

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Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

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Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

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Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
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517-335-6397, office
PPI mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

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Flint Water Task Force discussion points

Oct. 21, 2015

High-level points

- The task force's mission is to provide an independent review of decisions and practices at the state, federal and city level concerning water in Flint.

- While members will review and report about what has transpired, the focus will be on improving practices moving forward. Members intend to develop recommendations for changes that can be applied in Flint and across Michigan.

- The task force will have full independence, and the administration has pledged full and complete cooperation.

- The goal is to have a completed report within three months, but the task force has the ability to extend that time frame if necessary. Members intend to conduct a thorough review, given the importance of its work.

- The task force will operate as transparently as possible, and there are expected to be opportunities for public input.

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 3:12 PM
To: Agen, Jarrod (GOV)
Subject: FW: Flint Journal-MLive seeking comment on these requests for EPA investigation
Attachments: PR 151020 Flint after action 6.pdf

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 21, 2015 3:09 PM
To: Cassell, Peter <cassell.peter@epa.gov>; Ronald Fonger <RFONGER1@mlive.com>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: RE: Flint Journal-MLive seeking comment on these requests for EPA investigation

Please attribute this to a DEQ spokesman or DEQ.

The DEQ is aware of these letters from our elected officials.
The Governor today announced the state's Flint Water Task Force -- an independent group of experts called to address many of the points of concern expressed by the Senator and the Congressman.

From: Cassell, Peter [mailto:cassell.peter@epa.gov]
Sent: Wednesday, October 21, 2015 2:20 PM
To: Ronald Fonger; Wurfel, Brad (DEQ)
Subject: RE: Flint Journal-MLive seeking comment on these requests for EPA investigation

Please attribute this to an EPA spokesperson or the EPA.

"EPA has received the letters from Congressman Kildee and State Senator Ananich and will review them"

Thanks!

Pete Cassell
Press Officer
U.S. Environmental Protection Agency

77 West Jackson Blvd (P-19J)
Chicago, IL 60604-3590
Office (312) 886-6234
Mobile PPI

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, October 21, 2015 11:12 AM
To: wurfelb@michigan.gov; Cassell, Peter
Subject: Flint Journal-MLive seeking comment on these requests for EPA investigation

Hi. We are seeking comment on these requests. I'm working on it as I send this but will add any comment from you when I receive it.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
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####

From: Wurfel, Sara (GOV)
Sent: Friday, October 23, 2015 1:21 PM
To: Agen, Jarrod (GOV)
Subject: FW: Letters
Attachments: Provider letter_DRAFT3_edited.docx; Parent Letter_Draft 5_October 22.docx; GCHD MDHHS Letters PR DRAFT 2.docx

Importance: High

Also looping you in …

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 1:07 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Ridley, Nancy (DHHS) <RidleyN@michigan.gov>
Subject: RE: Letters
Importance: High

Hi everyone,

Following up on this. Do you have any concerns or edits? Additionally, we are working with GCHD to issue a joint release when these letters are sent. That's attached for your reference as well.

Thank you,

Angela

From: Minicuci, Angela (DHHS)
Sent: Friday, October 23, 2015 10:12 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Brown, Jessica (GOV) (BrownJ53@michigan.gov) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Ridley, Nancy (DHHS) <RidleyN@michigan.gov>
Subject: Letters

Good morning,

Attached are the parent and provider letters that we have been working on. These are on the fast track and we need comments back to us as soon as possible.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services

Office: (517) 241-2112
Mobile: PPI
minicucia@michigan.gov
www.michigan.gov/mdhhs

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PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Dear Provider:

As you may be aware from recent news reports, elevated levels of lead have been found in the City of Flint's water system.

To help protect the children of Flint from the current lead in water exposure, the Genesee County Health Department and Michigan Department of Health and Human Services are contacting you to assist you in providing guidance to support your families.

Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

As a primary care provider, you play a critical role in helping to ensure that children and families exposed to lead receive the care and reassurances they need to manage the potential health impacts of lead poisoning.

Identification. Children suffering from lead poisoning often fail to present outward symptoms. However, early clinical symptoms can include anemia, anorexia, abdominal pain and constipation. Lead is a neuro-toxin, and exposure can result in violent and aggressive behaviors, lead to learning disorders, may cause Attention Deficit Hyperactivity Disorder (ADHD) and has been known to reduce IQ by as many as 5-8 points with levels as low as 10 ug/dL. Lead is metabolized through the gastrointestinal system similar to iron and calcium, with uptake rates depending on the size and weight of the child. The blood half-life of lead is short (approximately 1 month) but the bone half-life can extend into decades.

Due to multiple risk factors facing many residents in the City of Flint (including aging housing conditions and water quality), we recommend that all children under age 6 living in the City of Flint or living in homes that use Flint water, attending school or childcare in Flint, or who spend time with a caregiver in the City of Flint, receive a blood lead test. Blood lead testing should be done through a child's primary care doctor to ensure adequate short-term and long-term follow-up. ***Families should be encouraged to have their children tested immediately either at their doctor's office or the Genesee County Health Department***.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Management of Blood Lead Levels. The following guidance is provided for management of childhood blood lead levels:

- **BLL < 5 ug/dL**
  - A lead level of less than 5 mcg/dL is not typically cause for concern.
  - Provide education and anticipatory guidance to ensure that lead levels do not rise.
  - Consider retesting in 12 months based on risk factors or concerns.
- **BLL >5 ug/dL**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.
- **BLL > 44 ug/dL.**
  - **Children with capillary results of 5 ug/dL and higher must have a confirmatory venous blood draw.**
  - Lead levels over 44 ug/dL may require hospitalization. Consult with an expert at the Children's Hospital of Michigan in Detroit for additional guidance.
  - Families should receive anticipatory guidance, nutrition counseling, instruction on safe cleaning techniques and appropriate follow-up care from their primary care provider.
  - In-home services including case management and environmental investigations are available for all children with lead levels greater than 5 ug/dL. Refer patients to the Genesee County Health Department for this service.
  - Children with confirmed venous testing results greater than 5ug/dL within the past 18 months must be retested based on Medicaid policy and AAP guidelines. (See attached "Provider Quick Reference). If a child has not been retested within these timeframes, retesting is recommended as soon as possible.

Reminder: All children covered by Medicaid must be tested at age 1 and 2.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
LoRocco Edits,Travis Edits,Attisha Edits, Peeler Edits
Cross checked with parent letter

Follow-up Care. As providers, there are steps you can take to help support your families:

1. Continue to educate families regarding lead risks and preventative steps that they can take to minimize their risks.
2. Encourage your families to use filtered water for drinking, mixing formula and washing dishes. Families can contact 2-1-1 for information on free water filters.
3. Healthy nutrition is critical for lead-exposed children. Make sure your patients are consuming balanced diets high in iron, calcium and Vitamin C. If you have concerns about their nutrition, consider recommending a multivitamin with iron. WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more. In addition, SNAP offers a Double Bucks program that can provide healthy foods for less.
4. Breastfeeding is highly protective and encouraged. However, if the mother's blood lead level rises above 40ug/dL or her level is greater than 20 ug/dL and the baby has a level above 5 ug/dL breastfeeding is not recommended.
5. Because lead is a neuro-toxin, children with lead poisoning need longitudinal follow-up and may require developmental and behavioral health intervention services. Continue monitoring your patients' development at every visit.
6. Consider additional wrap-around and support services that will benefit your patients such as early childhood home visiting programs, early head start and head start. Call 2-1-1 for more information.

Local Resources. Several local resources are available to you and your patients:

- Blood Testing. Patients are encouraged to contact their primary care provider for testing. The Genesee County Health Department also administers lead tests. Patients in need of transportation should contact 2-1-1 for assistance.
- Water Testing. Water testing is free through the City of Flint Water Testing Plant. Patients can call 810-787-6537 to learn more.
- WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the Genesee County WIC office at (810) 237-4537 to learn more.
- Child Development. If you have concerns about a child's growth, development or learning contact 2-1-1 for a Home Visiting Program in your area.

Websites and contact information.

- Genesee County Health Department Lead Program
  (810) 287-3833

- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453

- Michigan Department of Health and Human Services Lead Poisoning Prevention Video for Primary Care Providers on Youtube at /www.youtube.com/watch?v=AnkjCW_yGaU&feature=youtu.be.

draft

PROVIDER DRAFT LETTER V.2
October 22, 2015
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- www.michigan.gov/lead
  United States Environmental Protection Agency
  www.epa.gov/lead

- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

draft 3

October 22, 2015

Dear Parent,

To help make sure the children of Flint are safe from lead exposure, the Genesee County Health Department and the Michigan Department of Health and Human Services want to help you understand:

- Where does lead come from?
- What can I do to protect my family?
- Should I get my child tested for lead?
- Where can I find more information about lead?

Where does lead come from?

Lead is a serious health hazard, especially for small children who become lead poisoned when they eat, drink or breathe lead. Elevated levels of lead have been found in the drinking water from lead pipes in the City of Flint. Kids can also be exposed to lead from old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass, jewelry making and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

Should my child get a blood lead test?

Children who live in the City of Flint, live in a home using City of Flint water, or who attend school, childcare or often spend time with a caregiver in the City of Flint should be tested for lead poisoning. *This should be done as soon as possible.*

Where should I go to get a blood lead test for my child?

The best place to get your child's blood lead test is your doctor's office. Your pediatrician will follow up with you on lab tests and provide you with information on what to do next. You can also have a lead test at the Genesee County Health Department. If you need transportation, contact 2-1-1 for help.

Understanding your child's lead test result.

A lead level below 5 means there is little or no lead in your child's blood. Use the tips below to help keep your child safe. Your doctor may suggest retesting your child within the next 12 months to make sure the level does not go up.

Draft 5

A lead level of 5-14 means that your child has had some exposure to lead. Work with your doctor and local health department for further guidance on how to limit your lead exposure. Your doctor may retest your child in 1-3 months to make sure the level does not go up.

Children with very high levels of lead **(over 40)** may require treatment at the hospital.

What Can I Do to Keep My Family Safe?

The following steps should be taken right away to help protect you and your child.

Protecting your family from lead in the water:

- Get your water tested for lead. It's free. Call 810-787-6537 to learn more.
- Use a water filter in your home. Call 2-1-1 for information on free water filters.
- If you do not have a water filter, use bottled water for drinking and mixing formula.
- When cooking or washing the dishes use filtered water. If using unfiltered water, run the water for at least five minutes before you use it.
- Always use cold water when cooking.

Safe cleaning:

Safe Cleaning is Important. Keeping your home clean and safe from lead hazards will help to protect your family.

- Keep children away from lead paint and dust.
- Use wet paper towels to clean up lead dust. Be sure to clean around windows, play areas and floors.
- Wash hands and toys often, using soap and water

Good nutrition:

Some foods will help keep lead from being stored in a child's body. These are foods with a lot of calcium, iron and vitamin C. These foods include:

Calcium Rich Foods	Iron Rich Foods	Foods with Vitamin C
➢ Milk	➢ Beans	➢ Oranges
➢ Cheese	➢ Lean meats like fish and chicken	➢ Orange juice
➢ Yogurt	➢ Whole grain cereals	➢ Grapefruits
➢ Tofu	➢ Peanut butter	➢ Tomatoes
➢ Spinach		➢ Green peppers

Always wash your fruits with filtered water. If you are concerned about your child's diet, talk with your pediatrician who may also recommend a daily multivitamin.

Draft

WIC and SNAP provide assistance to parents and children who need fresh and healthy foods. Contact the **Genesee County WIC office at (810) 237-4537** to learn more. SNAP also offers a Double Bucks program to purchase even more healthy food for no additional costs.

Where can I get more information on lead?

- Genesee County Health Department Lead Program
  (810) 287-3833
- Michigan Department of Health and Human Services Childhood Lead Poisoning Prevention Program
  (888) 322-4453
  www.michigan.gov/lead
- United States Environmental Protection Agency
  www.epa.gov/lead
- U.S. Centers for Disease Control and Prevention (CDC) Web site
  www.cdc.gov/nceh/lead

Draft 5

GCHD and MDHHS Partner to Issue Guidance to Flint Parents, Providers

FLINT, Mich. – In a joint effort to continue education within the community around lead exposure, the Genesee County Health Department (GCHD) and Michigan Department of Health and Human Services (MDHHS) today issued letters to the provider community and parents in Flint to assist in providing guidance to support families.

In response to the elevated blood lead levels found in some Flint children, GCHD and MDHHS have worked together closely and with Dr. Mona Hanna-Attisha of the Hurley Medical Center to develop guidance for families and providers.

GCHD QUOTE

Parents are being provided information regarding lead testing, how to reduce lead exposure for your family, where lead comes from, and community and state resources for more information. Children can be exposed to lead from drinking water in lead pipes, old lead paint, soil, pottery, cosmetics and toys and some home remedies. Adult jobs and hobbies, like auto repair, stained glass and jewelry making, and ammunitions handling can also put children at risk if they touch clothing or play in areas where lead is found.

"As we continue to find ways to educate and guide the Flint community towards reducing lead exposures, we are appreciate of the collaboration with Genesee County Health Department and Dr. Attisha," said Dr. Eden Wells, Chief Medical Executive with MDHHS. "Parents and providers can take a number of steps to help reduce exposure, identify signs of lead poisoning, and begin follow up care as needed. Working together we can all help to protect the health of families in Flint."

Primary care providers can assist in helping to ensure that children and families exposed to lead receive the care and resources they need to manage the potential health impacts of lead poisoning. Guidance was provided to them regarding identification of lead poisoning, management of elevated blood lead levels, follow-up care, and community and state resources.

GCHD and MDHHS issued the following recommendations for parents:

- Families who live in the City of Flint and are on the Flint water system or who attend school, childcare, or spend time with a caregiver in the City of Flint, are encouraged to get their children tested for lead poisoning at their doctor's office or GCHD.
- Families can get their water tested for lead for free. Call 810-787-6537 for details about how.
- Families are encouraged to use a water filter in their home, and free filters are still available. Call 2-1-1 for information about where to pick up a free filter.
- When cooking or washing the dishes, use filtered water. If using unfiltered water, run the water for at least give minutes before you use it. Always use cold water when cooking.
- Safe cleaning can also reduce the risk of lead exposure in the home. Keep children away from lead paint and dust; use wet paper towels to clean up lead dust around windows, play areas and floors; and wash hands and toys often, using soap and water
- Lastly, always wash fruits with filtered water. Some foods help keep lead from being stored in the child's body, such as Calcium rich foods, Iron rich foods, and foods with Vitamin C.

GCHD and MDHHS will continue to provide more information to the community regarding reducing lead exposure and protecting the health of Flint residents. For more information, visit www.michigan.gov/lead.

# # #

From: Hollins, Harvey (GOV)
Sent: Tuesday, October 27, 2015 10:13 PM
To: Workman, Wayne (TREASURY)
Cc: Muchmore, Dennis (GOV); Agen, Jarrod (GOV)
Subject: RTAB

As you know, Brian Larkin will be stepping down from the RTAB, his replacement will be critical given all the stuff happening in Flint. I recommend broader input from the Flint community on that person. I'll call you tomorrow.

Best,
Harvey

From: Murray, David (GOV)
Sent: Tuesday, November 03, 2015 9:26 AM
To: Agen, Jarrod (GOV)
Subject: Draft agenda

Hi Jarrod,

I think I covered everything here. Tried to keep short, figuring Not Responsive will dominate our time. Are we missing anything?

Communications Update Meeting
Nov. 3, 2015

- Not Responsive
- Flint water/Al Sharpton's National Action Network demands special court
- Not Responsive

Upcoming events

- Not Responsive

Interviews/requests

- Not Responsive

Dave Murray

Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, November 06, 2015 2:09 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: Keeping in the loop
Attachments: image2015-11-03-155158.pdf

Nancy is working with Brad on another column on the water issue. Here questions are below. I worked with him on some of the grammatical things, but also to stress that the governor has appointed a third-party task force to look at all of these steps and others and we expect a report in three months.

Below is the version prior to the update.

Dave

From: Wurfel, Brad (DEQ)
Sent: Friday, November 06, 2015 1:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: DRAFT DELIBERATIVE RE: Need comment ASAP

These questions all make the presupposition that the state actually runs municipal drinking water systems. Every municipal drinking water system is required by law to have a certified operator on staff. In Flint's case, they added outside expertise on contract as well as having a certified operator. The nuance in your question is the idea that they don't do anything locally without being told to do so by the State. Not the case at all. Plenty of systems around the state make adjustments to their drinking water system within guidelines. The DEQ staff offer counsel and guidance, but State's formal role is to serve as regulator, not operator.

Flint commissioned the report you mentioned. If they ignored the recommendations in appendix of the report they commissioned, ask them why. Our take was that Flint was to run two consecutive tests of the system to determine optimization needs. The U.S. EPA finally came out with its finished guidance on that and distributed it nationally this week. I've enclosed it. We were pleased that they acknowledged the Lead and Copper rule is worded ambiguously on continued corrosion control. The clarification will help Michigan and every other state going forward.

Your second questions also is more appropriately directed to Flint. The city made the decision to use the river, the historic backup, as their primary. DEQ's role was to oversee necessary changes to the drinking water plant to ensure the water met Safe Drinking Water standards.

To your final question, I believe it was reintroduced when the Flint City Council voted 7-1 to join Karegnondi, and DWSD responded by sending Flint a one-year contract

termination notice. While that notice was not a shutoff notice, it did signal that the contract rates for water would be terminated and thus open for renegotiation. But again, this is a question best addressed by the city.

Hey Brad,

Just want to make sure you got my voice mail. I have some follow up questions based on the FOIA'd material I received yesterday.

Specifically:

- By 2013, MDEQ had a 2011 Flint report about the prospect of using Flint River water as a drinking water source. That report includes an appendix that lists phosphates, which we all now know are used for corrosion control, in the list of chemicals that would be required to treat the water. With a report in hand stating phosphates should be used, why were they not required?
- Based on the materials I received, the 2011 report comes up briefly in 2013, when the KWA switch was contemplated, then seems to drop out of the picture. Why was a report about the viability of the Flint River water as a drinking water source not part of the 2014 conversations about whether to switch to the river or to stay connected to DWSD?
- A report included in the material I FOIA'd said that by the end of 2012, Flint officials did not want to pursue the option of using the Flint River as a drinking water source. Why was it reintroduced?

Need a response ASAP. This is for Sunday.

Nancy

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF WATER

NOV 03 2015

MEMORANDUM

SUBJECT: Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems

FROM: Peter C. Grevatt, Director
Office of Ground Water and Drinking Water

TO: EPA Regional Water Division Directors, Regions I-X

This memorandum addresses certain concerns raised about the application of the 1991 Lead and Copper Rule, specifically the requirements pertaining to maintenance of optimal corrosion control treatment, in situations in which a large water system ceases to purchase treated water and switches to a new drinking water source. These concerns have been raised most recently in regard to the drinking water system in Flint, Michigan, where the water system was disconnected from the Detroit Water and Sewerage Department, which provided corrosion control treatment for Lake Huron source waters, and instead began distributing water from the Flint River. This type of situation rarely arises and the language of the LCR does not specifically discuss such circumstances. After reviewing the rule with our Office of General Counsel, it appears that there are differing possible interpretations of the LCR with respect to how the rule's optimal corrosion control treatment procedures apply to this situation, which may have led to some uncertainty with respect to the Flint water system. This memorandum clarifies how the LCR applies to this situation and eliminates the uncertainty for water systems and primacy agencies that may face these circumstances in the future.

It is important for large systems and primacy agencies[1] to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. This memorandum focuses on those steps and clarifies, on a prospective basis, how EPA interprets the LCR corrosion control requirements and how primacy agencies should apply these requirements to large public water systems before, during and after making a significant change in source water, including switching from purchased water to a new source.

Under the LCR, all large systems (those serving more than 50,000 persons), whether purchasing water or not, must have completed a series of steps to either optimize the corrosion control treatment or be deemed to have optimal corrosion control treatment (OCCT) by 1998. 40 CFR 141.81. Key steps for

[1] The term "primacy agency" refers to the State, tribe or U.S. Environmental Protection Agency regional office having jurisdiction over, and primary enforcement responsibility for, a given public water system.

optimizing corrosion control include monitoring, corrosion control studies, installation of treatment, follow-up sampling and specification by the primacy agency of water quality parameters (WQPs) for monitoring corrosion control. The LCR requires any large system that has met the OCCT requirements through the installation of corrosion control treatment to continue operating and maintaining the treatment and to continue meeting the WQPs established by the primacy agency. 40 CFR 141.81(b) and 141.82(g). Systems deemed to have OCCT without the installation of corrosion control treatment are not subject to this requirement. However, they are required to notify the primacy agency in writing of any upcoming changes in treatment or source and request that the primacy agency modify its determination of the OCCT and WQPs applicable to the system. The primacy agency must then review and approve the change and designate OCCT and WQPs prior to its implementation by the system. 141.81(b)(3). Similarly, systems subject to reduced monitoring or monitoring waivers must notify the primacy agency of any upcoming changes in treatment or source and the primacy agency must subsequently review and approve it. EPA recommends that systems that are not subject to a notification requirement also notify the primacy agency prior to the addition of a new source or treatment and request the primacy agency to modify its determination of the optimal corrosion control and WQPs applicable to the system.

Due to the unique characteristics of each PWS (e.g., source water, existing treatment processes, distribution system materials) it is critical that public water systems, in conjunction with their primacy agencies and, if necessary, outside technical consultants, evaluate and address potential impacts resulting from treatment and/or source water changes. It is also critical for public water systems to conduct ongoing monitoring to ensure compliance with OCCT prior to, during and after a source or treatment change. The rearrangement of a system's existing configuration may trigger the need for OCCT adjustments and establishment of appropriate WQPs. Primacy agencies should work with systems that plan to disconnect from a supplier that had installed corrosion control treatment to determine the OCCT for the new source and establish WQPS for that treatment instead of using the OCCT and WQPs established for the previous source. This will allow a system that ceases to purchase treated water to stay in compliance with any applicable requirements pertaining to OCCT and ensure protection of public health during and after the change in source. EPA has developed a guidance manual[2] specifically focusing on evaluation of corrosion control treatment options and optimization of full-scale treatment to assist water systems and primacy agencies with these efforts. EPA is currently preparing an updated version of the manual, which we anticipate will be released in February 2016.

The key to identifying and mitigating potential problems is to ensure effective collaboration between the public water system and the primacy agency. Corrosion control treatment can come in many forms. For this reason, it is important to conduct a system-wide assessment prior to any source water and/or treatment modifications and to identify existing or anticipated water quality, treatment or operational issues that may interfere with or limit the effectiveness of corrosion control treatment optimization or re-optimization.

If you have additional questions or concerns, please contact me or have your staff contact Maria Lopez Carbo, Chief of the Protection Branch, in the Office of Ground Water and Drinking Water, at lopez-carbo.maria@epa.gov.

---

[2] U.S. Environmental Protection Agency. *Lead and Copper Rule Guidance Manual, Volume II: Corrosion Control Treatment.* Office of Water. EPA 811-B-92-002. 1992. Available at: http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=91019DM4.txt.

From: Wurfel, Sara (GOV)
Sent: Friday, November 06, 2015 2:14 PM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Keeping in the loop

And Nancy called my cell before went into last round of mtgs. She/Freep is fixated on active role of Andy Dillon and Treasury at time and throughout and is asking if we had concerns, how could we have ever approved it.

I reiterated issues at time and tried to out heavy focus on we're focused on this task force work and letting them do their very important job of reviewing all actions related to this situation. Bipartisan group of people of high integrity, experts in their field and widely respected who are going to do a very thorough review.

Sent from my iPhone

On Nov 6, 2015, at 2:09 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Nancy is working with Brad on another column on the water issue. Here questions are below. I worked with him on some of the grammatical things, but also to stress that the governor has appointed a third-party task force to look at all of these steps and others and we expect a report in three months.
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> Below is the version prior to the update.
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> **Sent:** Friday, November 06, 2015 1:59 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** DRAFT DELIBERATIVE RE: Need comment ASAP
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Need a response ASAP. This is for Sunday.

Nancy

Nancy Kaffer
Columnist
Detroit Free Press
www.freep.com/abettermichigan
313-222-6585
@nancykaffer, @abettermi

<image2015-11-03-155158.pdf>

From: Brown, Jessica (GOV)
Sent: Monday, November 09, 2015 2:44 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: FW: Flint water school testing results - 3 PM
Attachments: School results PR.docx

Saw Dave was on this but since he's on the road, thought you should see as well. DEQ is planning to issue at 3 p.m.

This is the first I've seen a draft but Dave may have been looped in on the back end. Looks ok and pretty thorough to me. If you need help trying to track any background info down let me know. Happy to reach out.

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 09, 2015 2:31 PM
To: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>; Edgerton, Shelly (LARA) <Edgerton51@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Wells, Eden (DHHS) <WellsE3@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Subject: School testing results

We're planning to put out this press release along with a video and the full results of the school and homeowner testing around 3 today. George Krisztian is taking calls.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

Michigan Department of Environmental Quality
News Release

Nov. 9, 2015

For More Information:
George Krisztian, 517-284-6719, krisztiang@michigan.gov

Freeman Elementary water testing shows lead exposure limited to fixtures

Experts release water testing results on schools and homes in Flint

As part of Gov. Rick Snyder's action plan for Flint drinking water, the DEQ today released water testing data from nearly 400 homes and businesses in Flint as well as comprehensive sampling results from Freeman Elementary School.

Both sets of data indicate the problems with lead are localized to individual buildings or even individual faucets, rather than system-wide issues.

"The results from this data underline the need for water testing at all homes, businesses, schools and other buildings in Flint," said George Krisztian, the DEQ's Flint Action Plan Coordinator. "Problems with lead exposure appear to be localized to individual service lines or plumbing fixtures, and we want to see all families in Flint take advantage of free water testing from the state."

Freeman Elementary testing results
At Freeman Elementary, 31 faucets were tested using a series of four samples each. Twenty-two outlets did not show elevated lead exposure, but nine faucets came back with initially high results.

Those nine outlets involve brass components, indicating the problem involves the fixtures or plumbing immediately surrounding the fixture. When the faucets and fountains were operated for several minutes, lead levels fell significantly, in some cases to non-detectable levels.

Additional testing designed to look deep into the school's plumbing did not suggest larger, systemic issues.

Freeman Elementary has several options for remedying the issues at these nine faucets and fountains. The school can elect not to use those particular fountains, or implement a formalized flushing regimen. The sampling results indicate that for all but one tap, a 3- to 4-minute flushing period each morning would drastically reduce lead exposure.

For a permanent solution, the school should opt to replace the faucets and fountains of concern.

"The safety and health of our students are our primary concern at Flint Community Schools, so we will start work as soon as possible to replace faucets, aerators and other related

components where high lead levels were detected," FCS Superintendent Bilal Tawwab said. "Once those fixes have been made, the DEQ has offered to provide additional testing of the water at Freeman Elementary to ensure the water from every sample is safe for our students. Flint Community Schools appreciates the efforts by the DEQ, working with all stakeholders to make sure our water continues to be tested and that our students have access to safe, clean drinking water."

For Freeman Elementary's complete sampling results and more information about how sampling was conducted, visit www.michigan.gov/flintwater.

The DEQ and the DLARA also have conducted sampling at other Flint schools, and results will soon be available on the DEQ's website. Additionally, the state will test every other school in the Flint Community Schools district, as well as any school or daycare in the city. Interested schools and daycare centers should contact George Krisztian at krisztiang@michigan.gov.

Homeowner and other customer-requested testing results
Results from the 381 samples from homes, businesses, schools and other facilities that took advantage of free water testing through the state showed similar, localized results. More than 75 percent of the samples analyzed demonstrated lead results of 5 parts per billion or less, and more than 91 percent demonstrated lead results of 15 parts per billion or less.

This data suggests that while some homes experience elevated lead level results due to lead service lines or in-home plumbing, many other homes experience little to no lead. This can make it difficult for homeowners and businesses to predict their lead exposure.

"Since it's not easy to predict if an individual home's water is at risk for lead, the best thing all residents can do is get their water tested," Krisztian said. "It's a free test that provides valuable information for families."

Testing is available for free by contacting the Flint Water Plant at 810-787-6537 and pressing 1, or by emailing flintwater@cityofflint.com.

For more information about water samples received through the state's free testing program, visit www.michigan.gov/flintwater.

How school sampling was conducted
To conduct this comprehensive sampling, the DEQ and Michigan Department of Licensing and Regulatory Affairs began on Oct. 23 with a thorough plumbing assessment of the school to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment also identified 31 faucets or fountains in the school that provide water for drinking, cooking and/or food preparation.

On Oct. 24, the DEQ and DLARA took four, 125-milliliter samples from each of the 31 identified faucets and fountains. The first two samples were taken immediately after turning on the faucet, followed by a 30-second flush and then the third sample, followed by a 2-minute flush and then the fourth sample. These samples provided information on the impact of any lead sources in or around each specific faucet and fountain as well as its connecting plumbing.

On Oct. 31, the DEQ and DLARA took an additional 30 samples, 10 each from three sites in the school. These 1-liter samples were taken consecutively, and provided information about the impact of any lead sources deep in the building's plumbing.

From: Baird, Richard (GOV)
Sent: Thursday, November 12, 2015 10:18 AM
To: Agen, Jarrod (GOV)
Subject: Funding
Attachments: Proposed Services Memo_Flint water task force_11-09-15.docx

Will need process to get these paid between Treas, DEQ and DHHS. Same with Rothsteins bills and experiences.

Can Wendy set this up?

Rich

Sent from my Verizon Wireless 4G LTE DROID

This Document is a Non-Responsive Attachment.

From: Muchmore, Dennis (GOV)
Sent: Thursday, November 19, 2015 11:32 AM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Subject: FW: Flint water

What do you want me to do?

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Thursday, November 19, 2015 11:17 AM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Flint water

Hi Dennis: Some time ago I obtained former Treasurer Andy Dillon's appointment calendar, under FOIA.
On March 25, 2013, at 5 p.m., it lists: "Call with Dennis Muchmore regarding Flint Water Supply Alternatives."
Later that evening, the city council of Flint, which was under a state-appointed emergency manager, voted to switch its water supply from the city of Detroit to a new Karegnondi Water Authority.
Can you please call me to discuss your/the state's role in that decision?
Also, for another time, maybe in December, would love to do an exit interview before you leave your current post.
Thanks, Paul
o. 517-372-8660
c. **PPI**

From: Wurfel, Sara (GOV)
Sent: Thursday, November 19, 2015 12:16 PM
To: Muchmore, Dennis (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Flint water

JA and I talked. Best if I can follow up with Paul.

Not Responsive

Would rather focus and plan for host of media interviews for you as your tenor winds down and more toward your transition date :}

Sent from my iPhone

On Nov 19, 2015, at 11:31 AM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

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>
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From: Muchmore, Dennis (GOV)
Sent: Thursday, November 19, 2015 2:44 PM
To: Wurfel, Sara (GOV)
Cc: Agen, Jarrod (GOV)
Subject: RE: Flint water

I'm all for that...besides I can't specifically recall that phone call although I have a general idea...we had several. They generally focused on the same things.

From: Wurfel, Sara (GOV)
Sent: Thursday, November 19, 2015 12:16 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
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> o. 517-372-8660
> c. **PPI**

From: Muchmore, Dennis (GOV)
Sent: Thursday, November 19, 2015 5:15 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Murray, David (GOV); Stanton, Terry A. (Treasury)
Subject: FW: Flint water

Egan is grilling Dillon. Andy doesn't want to return his call without one of you on the phone.

From: Andy Dillon [mailto:adillon@conwaymackenzie.com]
Sent: Thursday, November 19, 2015 2:04 PM
To: Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Subject: Fwd: Flint water

I am not anxious to respond to him but my experience of ignoring him hasn't been very productive.

He is focused in on a relevant question.

Andy Dillon
Conway MacKenzie Inc.
401 S. Old Woodward Avenue, Suite 340, Birmingham, MI 48009
248.952.8868 (office) | PPI (cell) | 248.433.3143 (fax)
adillon@conwaymackenzie.com

---------- Forwarded message ----------
From: **Egan, Paul** <pegan@freepress.com>
Date: Thu, Nov 19, 2015 at 1:48 PM
Subject: Flint water
To: "ADillon@ConwayMacKenzie.com" <ADillon@conwaymackenzie.com>

Hi Andy: Why did the state and city opt to go with KWA for Flint water supply when the study you commissioned from Tucker, Young, Jackson, Tull found that going with KWA would be more costly than staying with DWSD? (Here is excerpt from p. 17):

"Based on the analysis, it is prudent to assume the KWA water supply option costs would be somewhere between the KWA-1 and KWA-2 options. Therefore, the analysis indicates that the two DWSD options of supplying 8 MGD on a maximum day and up to 8 MGD on average are the least cost options for Flint. These options allow Flint to maximize the use of existing assets; the City of Flint's (the Flint WTP) and

DWSD's (the existing 72-inch main)."

How would you describe your role in the chain of decisions that led to Flint drawing its water supply from the Flint River?

The Flint City Council opted to go with the KWA on the evening of March 25, 2013. Your schedule shows you had a 5 p.m. phone conversation at 5 p.m. that day with Dennis Muchmore "regarding Flint Water Supply alternatives."

The next day, March 26, 2013, your schedule shows a 9 a.m. meeting at Treasury "regarding Flint water, a 1:30 p.m. phone call with Dan Wyant "regarding Flint/KWA," and a w p.m. meeting in Lansing with Flint Mayor Dayne Walling?

What do you recall about these conversations/meetings? Did Muchmore sign off on the switch to KWA on behalf of the governor?

Thanks, Paul Egan

Detroit Free Press

Cell PPI

From: Hollins, Harvey (GOV)
Sent: Monday, November 30, 2015 11:57 AM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV); Baird, Richard (GOV); Muchmore, Dennis (GOV)
Subject: Re: Hospital tests
Attachments: image001.jpg

Dave,
Thanks. Of the numbers tested, could you get me the following info:
1) The total tested through the hospitals?
2) Of those tested through the hospitals, how many were under 16?
3) Of the kids under tested through the hospitals, how many showed higher levels of lead?
Finally, 4) Of the total numbers tested, how many were Medicaid recipients?

I know it's a lot, but this will help us better explain results should the hospitals release its own data. Also, this will help us how to better target awareness information for more residents to get tested.

Best,
Harvey Hollins III, Director
Governor's Office of Urban Initiatives

313.456.4994 (office)
PPI (Cell)

On Nov 30, 2015, at 10:14 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Harvey,
>
> I checked with DHHS. The department's data includes information from the two hospitals. But, the hospitals could in theory issue their own release using just their own tests.
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray
>
> <image001.jpg>

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 4:43 PM
To: Agen, Jarrod (GOV)
Subject: FW: Can you call?
Attachments: Flint Blood Testing Report 1Dec15.pdf; Flint EBL Data Press Release V7.docx

Jarrod, here's the updated press release from the DHHS re Flint blood testing.

From: Eisner, Jennifer (DHHS)
Sent: Wednesday, December 02, 2015 4:39 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
Subject: RE: Can you call?

Dave –

Attached please find the updated report and press release. Calling you now.

Best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: PPI

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 3:21 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: Can you call?

Hi guys,

Getting some pressure about an ETA. Do you have any idea?

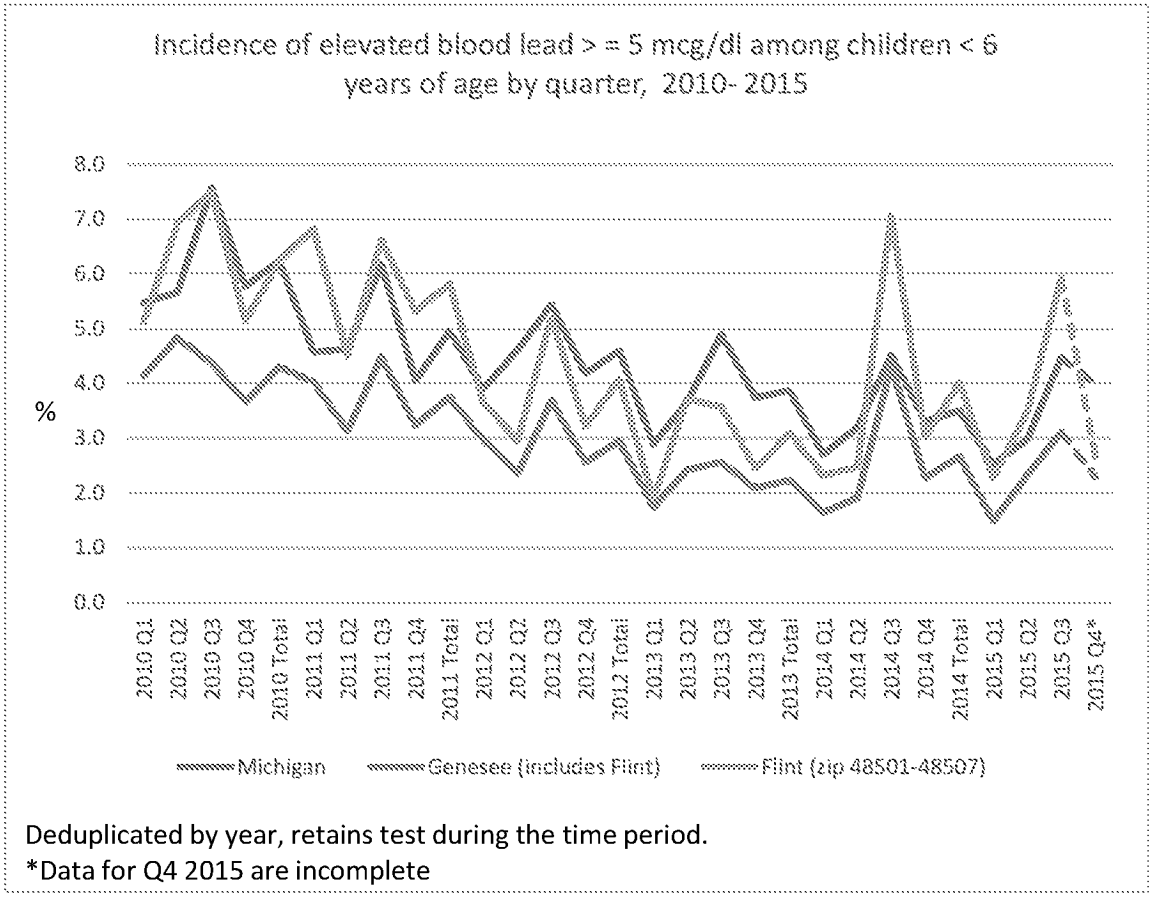
Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of November 13, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



Deduplicated by year, retains test during the time period.
*Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	120,699	5,778	2,704	10,841	1,197	765
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,200	149	101	309	10	8
Total tested for lead 10/1/2015 to 11/13/2015:	14,593	957	560	1,412	502	409
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	583	22	15	38	6	6

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	11,685	860	526	143,225	7,835	3,995
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,195	30	15	5,704	204	124
Total tested for lead 10/1/2015 to 11/13/2015:	1,615	483	392	17,620	1,942	1,361
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	160	11	9	781	44	30

** Data for Quarter 4 of 2015 are incomplete and subject to change*

STATE OF MICHIGAN

DEPARTMENT OF HEALTH AND HUMAN SERVICES

LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases recent data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – The Michigan Department of Health and Human Services today issued preliminary data regarding blood lead levels in Flint children and adults. The department's summary report shows that 30 of 1,361 adults and children tested in Flint since October 1 had elevated levels.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources. The report is intended to inform residents about blood lead level testing efforts in Flint and provide cumulative total numbers.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHSS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the county health department to reach these families. We will update these numbers on a regular basis and remain diligent in our ongoing outreach and education."

Information was gathered from tests administered citywide to 1,361 children and adults since October 1. Twenty-one children age 17 or younger had elevated blood lead levels. Nine adults over the age 18 were identified with elevated blood lead levels.

The data in the report include the total number of tests conducted and the total number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

The testing is part of the state's action plan to address health concerns related to Flint's water infrastructure.

When reviewing trend data for past years, the third quarter reflects the months during which the risk of lead exposure is highest (July through September). From the third quarter of 2010, there was a citywide elevated blood lead level in children less than six years of age of 8.3 percent, which decreased over the next three years to 4.1 percent in the third quarter of 2013. In the third quarter of 2014, citywide elevated blood lead levels in children less than six years of age increased to 7.5 percent, and 6.4 percent in 2015. At the end of the third quarter of 2015, increased testing activities began in the city of Flint.

- MORE -

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state provided supplemental funding to support GCHD nursing staff to conduct direct outreach to families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to identify lead exposures, address questions and concerns, provide filters and further information, and meet with families in their home environment.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional on the MDHHS YouTube channel. For additional updates on Flint water including updates on blood lead levels and testing results, visit www.michigan.gov/flintwater.

# # #

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 4:55 PM
To: Agen, Jarrod (GOV)
Subject: RE: Can you call?

Morgan said we just missed the briefing. Shall I send it to him directly?

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 02, 2015 4:54 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Can you call?

Just getting out of meetings now.
Please make sure this gets into Gov's packet.

On Dec 2, 2015, at 4:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Jarrod, here's the updated press release from the DHHS re Flint blood testing.
>
> ---
>
> **From:** Eisner, Jennifer (DHHS)
> **Sent:** Wednesday, December 02, 2015 4:39 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
> **Subject:** RE: Can you call?
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> Dave –
>
> Attached please find the updated report and press release. Calling you now.
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> Best,
>
> Jennifer Eisner
> Public Information Officer
> Michigan Department of Health and Human Services
> Office: 517-241-2112 or EisnerJ@michigan.gov
> Cell: PPI
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Wednesday, December 02, 2015 3:21 PM
> **To:** Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> **Subject:** Can you call?
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> Hi guys,
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> Getting some pressure about an ETA. Do you have any idea?

Dave Murray
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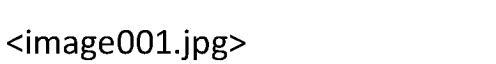

<Flint Blood Testing Report 1Dec15.pdf>

<Flint EBL Data Press Release V7.docx>

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 02, 2015 4:59 PM
To: Murray, David (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Re: Can you call?

hold on.
i think we need to make part of this easier to read.

On Dec 2, 2015, at 4:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

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> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray

<Flint Blood Testing Report 1Dec15.pdf>

<Flint EBL Data Press Release V7.docx>

From: Murray, David (GOV)
Sent: Wednesday, December 02, 2015 5:30 PM
To: Agen, Jarrod (GOV)
Subject: RE: Can you call?

Will get those ASAP.

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 02, 2015 5:24 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Can you call?

Just talked quickly with the Gov on this.
He had two other questions, which I think we'll get from press:

1) Do the elevated lead levels stick with a person for life?

2) Why do the lead levels spike on a seasonal basis?

On Dec 2, 2015, at 4:59 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> hold on.
> i think we need to make part of this easier to read.
>
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> > Jennifer Eisner
> > Public Information Officer
> > Michigan Department of Health and Human Services
> > Office: 517-241-2112 or EisnerJ@michigan.gov
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Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<Flint Blood Testing Report 1Dec15.pdf>

<Flint EBL Data Press Release V7.docx>

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 2:56 PM
To: Bedan, Morgan (GOV)
Cc: Biehl, Laura (GOV); Agen, Jarrod (GOV)
Subject: 12/9 Radio Briefings

RDS – LIVE Radio interview with WTCM and Ron Jolly

Time: 7:25 – 7:35 a.m.

RDS to call: PPI
Call at 7:24, will go live within one minute

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

Recent articles:
Northern republicans backed road plan (Cheboygan Tribune)
http://www.cheboygannews.com/article/20151110/BLOGS/151109101
County Commissioners wait on pipeline resolution (Petoskey News)
http://www.petoskeynews.com/featured-pnr/county-commissioners-wait-on-pipeline-resolution/article_2b43079f-c4ff-57c2-bb9a-cc145c59d29c.html
Senate leaders: Michigan energy overhaul won't happen in 2015 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/senate_leaders_michigan_energy.html
Utilities stress urgency of Michigan energy overhaul as it spills into 2016 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/utilities_stress_urgency_of_mi.html
Despite Snyder's "pause," Syrian refugees continue to arrive in Michigan (Michigan Radio)
http://michiganradio.org/post/despite-snyder-s-pause-syrian-refugees-continue-arrive-michigan#stream/0

Last interview: 4/30/15 re: Not Responsive

Market: Traverse City / online http://wtcmradio.com/

Contact: Studio line: PPI Back-up: PPI

RDS – LIVE Radio interview with WSJM and Pat Moody

Time: 7:40 – 7:50 a.m.

RDS to call: PPI
Call right at 7:40, live when phone is answered. Stay on line until phone is picked up as Pat is the only one in studio.

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

Recent articles:
Road funding deal to be signed (WSJM)
http://www.wsjm.com/2015/11/10/road-funding-deal-to-be-signed/
Gov. Snyder wants bipartisan group to address (WSJM)
http://www.wsjm.com/2015/12/02/governor-snyder-wants-bipartisan-group-to-address-concerns-over-refugee-screening/
Nesbitt's Energy committee trying to pass energy reform
http://www.wsjm.com/2015/11/05/nesbitts-energy-committee-trying-to-pass-energy-reform-bills-today/
Oil spill, high waves: A Great Lakes Disaster Scenario (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/05/enbridge-pipeline-straits-mackinac-oil-spill-waves/76728434/
Gov. Rick Snyder launches statewide tour to promote skilled trades (MLive)
http://www.mlive.com/news/grand-rapids/index.ssf/2015/11/governor_snyder_launches_state.html
County Commissioners wait on pipeline resolution (Petoskey News)
http://www.petoskeynews.com/featured-pnr/county-commissioners-wait-on-pipeline-resolution/article_2b43079f-c4ff-57c2-bb9a-cc145c59d29c.html
Senate leaders: Michigan energy overhaul won't happen in 2015 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/senate_leaders_michigan_energy.html

Last interview: 3/20/15 Not Responsive

Market: St. Joe/Benton Harbor- http://www.wsjm.com/

Contact: Studio line: PPI Back-up (Pat's cell): PPI

RDS – TAPED Radio interview with WFNT and Jason Cooper

Time: 7:55 – 8:05 a.m.

RDS to call: PPI
Call right at 7:55, interview is taped.

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

- Flint's emergency manager exit
- Flint water

Not Responsive

Recent articles:
Flint schools slash debt by $11M, but state to review finances under new law (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_school_district_slashes.html
Flint city attorney resigns; new mayor says she expects to name replacement (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/peter_bade_flint_city_attorney.html
Flint Mayor Karen Waver unveils 100-day plan, including audit of city funds (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_mayor_karen_weavers_100-.html
Push to recall Snyder over Flint water crisis stalls (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/03/elections-board-rejects-latest-snyder-recall-petition/76712410/
Give Flint $50M to replace lead water pipes (Detroit Free Press)
http://www.freep.com/story/news/columnists/rochelle-riley/2015/11/12/flint-water-sheldon-neeley-michigan-legislature/75610846/

Last interview: 3/10/15 **Not Responsive**

Notes: Jason Cooper<http://wfnt.com/author/jcooper/> WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show from 11-noon.

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Contact: Studio line: **PPI** ; Back-up: **PPI**

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: **PPI**
BrownJ53@michigan.gov

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 3:49 PM
To: Agen, Jarrod (GOV); Bedan, Morgan (GOV)
Cc: Biehl, Laura (GOV)
Subject: RE: 12/9 Radio Briefings

Brad and Jen are working on it. Spoke to them both right after out comms. meeting. I just followed up asking for an ETA.

Morgan is holding the briefing for now.

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 08, 2015 3:48 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: 12/9 Radio Briefings

Did we get updated Flint info for him?

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 2:56 PM
To: Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: 12/9 Radio Briefings

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Time: 7:25 – 7:35 a.m.

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Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

Recent articles:
Northern republicans backed road plan (Cheboygan Tribune)
http://www.cheboygannews.com/article/20151110/BLOGS/151109101
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Senate leaders: Michigan energy overhaul won't happen in 2015 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/senate_leaders_michigan_energy.html

Utilities stress urgency of Michigan energy overhaul as it spills into 2016 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/utilities_stress_urgency_of_mi.html
Despite Snyder's "pause," Syrian refugees continue to arrive in Michigan (Michigan Radio)
http://michiganradio.org/post/despite-snyder-s-pause-syrian-refugees-continue-arrive-michigan#stream/0

Last interview: 4/30/15 **Not Responsive**

Market: Traverse City / online http://wtcmradio.com/

Contact: Studio line: **PPI**; Back-up: **PPI**

RDS – LIVE Radio interview with WSJM and Pat Moody

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Recent articles:
Road funding deal to be signed (WSJM)
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Gov. Snyder wants bipartisan group to address (WSJM)
http://www.wsjm.com/2015/12/02/governor-snyder-wants-bipartisan-group-to-address-concerns-over-refugee-screening/
Nesbitt's Energy committee trying to pass energy reform
http://www.wsjm.com/2015/11/05/nesbitts-energy-committee-trying-to-pass-energy-reform-bills-today/
Oil spill, high waves: A Great Lakes Disaster Scenario (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/05/enbridge-pipeline-straits-mackinac-oil-spill-waves/76728434/
Gov. Rick Snyder launches statewide tour to promote skilled trades (MLive)
http://www.mlive.com/news/grand-rapids/index.ssf/2015/11/governor_snyder_launches_state.html
County Commissioners wait on pipeline resolution (Petoskey News)
http://www.petoskeynews.com/featured-pnr/county-commissioners-wait-on-pipeline-resolution/article_2b43079f-c4ff-57c2-bb9a-cc145c59d29c.html
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Last interview: 3/20/15 **Not Responsive**

Market: St. Joe/Benton Harbor- http://www.wsjm.com/

Contact: Studio line: PPI Back-up (Pat's cell): PPI

RDS – TAPED Radio interview with WFNT and Jason Cooper

Time: 7:55 – 8:05 a.m.

RDS to call: PPI
Call right at 7:55, interview is taped.

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

- Flint's emergency manager exit
- Flint water

Not Responsive

Recent articles:
Flint schools slash debt by $11M, but state to review finances under new law (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_school_district_slashes.html
Flint city attorney resigns; new mayor says she expects to name replacement (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/peter_bade_flint_city_attorney.html
Flint Mayor Karen Waver unveils 100-day plan, including audit of city funds (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_mayor_karen_weavers_100-.html
Push to recall Snyder over Flint water crisis stalls (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/03/elections-board-rejects-latest-snyder-recall-petition/76712410/
Give Flint $50M to replace lead water pipes (Detroit Free Press)
http://www.freep.com/story/news/columnists/rochelle-riley/2015/11/12/flint-water-sheldon-neeley-michigan-legislature/75610846/

Last interview: 3/10/15 Not Responsive

Notes: Jason Cooper<http://wfnt.com/author/jcooper/> WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show from 11-noon.

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Contact: Studio line: PPI ; Back-up: PPI

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: PPI
BrownJ53@michigan.gov

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 3:54 PM
To: Agen, Jarrod (GOV); Biehl, Laura (GOV)
Subject: RE: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

Jen/DHHS -- are working on the updated numbers regarding how many have been tested since the Oct. 1 action plan was implemented and current instructions for local residents regarding testing needs and filters. Sounds like the updated numbers is the hold-up. She'll send ASAP.

Brad/DEQ -- is sending some talking points to accompany the report. Should have this soon

---

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 08, 2015 3:50 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: FW: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Importance: High

This was last night's update

From: Wyant, Dan (DEQ)
Sent: Monday, December 07, 2015 3:34 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>
Subject: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Importance: High

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

- Flint Drinking Water Action Plan Update
- Document on What is a Part Per Billion.

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions. I have also added Richard Baird to this weekly email.

Thank you.

Dan Wyant
Director

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 5:04 PM
To: Bedan, Morgan (GOV); Agen, Jarrod (GOV)
Cc: Biehl, Laura (GOV)
Subject: RE: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: Flint Update for WFNT.docx

Morgan/Jarrod:

Attached is the update for Flint water and the WFNT interview. Includes testing numbers, steps families a can take to reduce lead exposure (i.e. free testing hotline, where to get filters, etc.). Also touches on the top three items and where they stand from the Governor's 10-point action plan.

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Director

Flint Fast Facts for WFNT interview

From: Comms – Jess Brown
DEQ – Brad Wurfel
DHHS – Jennifer Smith

Date: December 8, 2015

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1. **How many people have been tested since Oct. 1 Flint Water Action Plan was implemented?**
    - Total of 1,836 tested, 39 elevated results
        - Children 0 – 5: 806 tested
        - Children 6 – 17: 525 tested
        - Adults: 505 tested

2. **What are the most recent recommendations to protect your family from lead exposure?**
    - Protecting your family from lead in the water:
        - Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
        - Use a water filter in your home. MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department.
        - Run only cold water through the filter.
        - If you do not have a water filter, use bottled water for drinking and mixing formula.
        - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
        - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
    - Testing children:
        - Children who live in the city of Flint should be tested for lead exposure. This should be done as soon as possible.
        - The best place to get your child's blood lead test is your doctor's office. Contact your primary care provider.
        - Children can also get a free lead test at the Genesee County Health Department. For help with transportation, call 2-1-1.
    - Safe cleaning:
        - Safe cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.
        - Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
        - Wash hands and toys often with soap and water.
        - You can use unfiltered tap water to wipe down countertops, mop floors, and wash clothes

The DEQ continues implementing the Governor's 10-point action plan to protect kids and families in Flint:

1. SCHOOLS TESTING

- The Governor's plan commits that DEQ will test water in every Flint school. To date, 8 schools in Flint have undergone a thorough inspection of their plumbing. Crews from the state are completing one to two schools each weekend.
- The story has been the same in each school inspected: lead exposure has been limited to old drinking fountains and faucets that should have been changed out years ago. When these fixtures are run for a couple minutes, lead presence drops to safe levels. If / when these fixtures are removed, it will address the lead exposure in schools.
- DEQ has not identified lead in the deeper plumbing of the schools. That's great news. It means fixing the issue will be comparatively inexpensive and quick.

2. COMMUNITY WATER TESTING
    - Since September, more than 500 residents have taken advantage of free home water sampling through the DEQ lab. Results are updated regularly on the DEQ web site, www.michigan.gov/FLINTWATER.
    - Residents are encouraged to continue taking advantage of this free service, but also are encouraged to get kids tested for blood lead levels.

3. LEAD SERVICE LINE REPLACEMENT

- The only way to remove the threat of lead exposure in drinking water is to remove sources like old faucets and lead service lines. The DEQ is working with the city to develop a long-term plan for removing the service lines. This is complicated because the service line is the portion that runs from the city system to the residence. It's the part that is mostly on private property and is generally considered the customer's responsibility.
- DEQ worked with Congressman Kildee to get EPA approval to use Revolving Loan Fund dollars to accomplish lead service line replacement.

OTHER VARIOUS ISSUES:

- Cong. Kildee has renewed calls for loan forgiveness in Flint. The city owes the state approximately $20.8 million for past loans, and they're scheduled to be paid off in 2024. DEQ cannot forgive old loans; we can, however, build loan forgiveness into new loans. Forgiveness is presently capped at 30 percent on new loans.
- City has called on DEQ to pay for fixes to the broader water distribution system on the idea that running river water through the system for 14 months ruined it. That's an unproven statement. The system has been in a serious state of disrepair for many years. We have not addressed this issue in the media. We are focused on the Governor's plan.
- Lawmakers have called for the state to create a fund to provide wraparound services for the (Kildee says 7,000) kids exposed to Flint water situation. Don't know where the 7,000 number came from. DHHS has numbers of kids who actually have elevated blood lead levels. Again, not an issue we've addressed or plan to.

From: Holland, Meegan (GOV)
Sent: Wednesday, December 09, 2015 10:39 AM
To: Agen, Jarrod (GOV); Murray, David (GOV)
Subject: Agenda
Attachments: 120915 Communications Update Meeting.docx

I have some background on the Not Responsive, but if something has happened since Friday, I'm not aware. Have put in calls to Mel and Emily Guerrant.

Agenda for comms meeting is attached.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI
Twitter: @meholland

Communications Update Meeting
Dec. 9, 2015

- Not Responsive
- Flint water – task force letter
- Not Responsive

Upcoming events

- Not Responsive

Interviews/requests

- Not Responsive

From: Brown, Jessica (GOV)
Sent: Thursday, December 17, 2015 10:16 AM
To: Agen, Jarrod (GOV)
Subject: 2014 Flint Water Clips
Attachments: Switch to Flint water coverage.docx

Jarrod,

Attached are the clips I could find on the Flint water switch from March 1 – May 15 in 2014.

Couldn't find anything on the guy that wanted to bottle it and sell it. If you need more I can keep looking, let me know.

Jess

Switch TO Flint Water clips
From: Jess Brown – Comms.
Date: December 16, 2015

MARCH 2014

Flint will get drinking water from river next month as nearly 50-year-old pact with Detroit ends (MLive 3/4/14)
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Flint residents should be drinking Flint River water by mid-April, officials say (MLive 3/12/14)
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City Councilman Wantwaz Davis wants to see a drop in what he calls unfair water rates.

APRIL 2014

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Water and sewer bills in Flint may have to increase more than $50 a year to pay for the services, a consultant's report says, because the rates customers are charged now aren't enough to support the city's water and sewer system.

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"The changeover is expected to be virtually unnoticeable but it is important to note that this represents a new direction for Flint."

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hen the valve to allow the Flint River to flow into the city's water treatment plant opened on Thursday, April 17, it was marked as a historic day by city officials.

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It will take two days before Flint residents can taste history. On Friday, April 25, Mayor Dayne Walling turned off the flow of water from Detroit and officially ended Flint's nearly 50-year dependence on its neighbor to the south.

"Water is an absolute vital service that most everyone takes for granted," Walling said. "It's a historic moment for the city of Flint to return to its roots and use our own river as our drinking water supply."

"There have been a lot of questions from our customers because this is such a major change," he said. "When the treated river water starts being pumped into the system, we move from plan to reality. The water quality speaks for itself." – Mayor Walling

"The Flint River is a different river than it was the last time we used it – that was pre-Clean Water Act," Flint Utilities Director Daughtery Johnson told The Flint Journal last week, adding that the city made two years' worth of improvements at the water plant in nine months. "It's a great system. It's a great asset the city has. Every drop we pull out, we're going to clean and put right back in the river.

Flint officially begins using Flint River water as temporary primary water source (WFNT 4/25/14)
On Friday, for the first time in fifty years, the City of Flint began using Flint River water as its primary water source for residents. The valve to the pipeline from Detroit, which had been providing Flint its water, was closed.

Flint Mayor Dayne Walling who was on hand for the event invited everyone to toast to Flint's water saying it's regular, good, pure drinking water that's right in our backyard and "this is the first step in the right direction for Flint, as we take this monumental step forward in controlling the future of our community's most precious resource."

Flint begins using own water supply (WNEM – 4/25/14)
The city will start processing Flint river water and officials hope it will be the source of water for the entire city. The Karegnondi water pipeline is scheduled to be completed in 2016.

"We've got the best technology for treating river water. It was there as a back-up, now we'll be able to use for a period of time as a primary supply," says Flint Mayor Dayne Walling. "This is a historic step for us. It's the day where we actually turn off the Detroit system and turn on the treated Flint River water going into our drinking water supply."

No. Average residents won't notice any difference. The system, as it's designed, has very complex treatment standards and systems built into it. As we've talked before, the plant went through an extensive upgrade in the early 2000s," says Flint Utilities Administrator Daugherty Johnson.

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"Everything is going fine on the system," said city Spokesman Jason Lorenz. "The water is of great quality." Flint will use the river until the KWA builds its pipeline to Genesee County. The $274 million project is expected to be complete sometime in 2016. "I'm a resident – I can personally say the water quality didn't change at all," Lorenz said. "I didn't notice any difference."

MAY 2014
How safe is your tap water? (WNEM 5/16/14)
We always assume the water coming out of our faucet is safe. But how do we really know?

From: Brown, Jessica (GOV)
Sent: Thursday, December 17, 2015 1:10 PM
To: Agen, Jarrod (GOV)
Subject: RE: 2014 Flint Water Clips

FYI – Alyssa and Alexa are searching for 2013 articles, we unfortunately don't have those from the newsrooms. That's from back before we retooled the process there. Should be able to send anything they find by EOB today.

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From: Brown, Jessica (GOV)
Sent: Friday, December 18, 2015 3:15 PM
To: Agen, Jarrod (GOV)
Subject: RE: 2014 Flint Water Clips
Attachments: Switch to Flint water coverage.docx

The attached includes 2013 clips – there's not many that were searchable. Hope it's still somewhat helpful.

Have a happy holiday!

Jess

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Date: December 16, 2015

MARCH 2013

Flint City Council approves resolution to buy water from Karegnondi, state approval still needed (MLive 3/25/13)

Flint is one step closer to getting its water from Lake Huron as part of the Karegnondi Water Authority. The vote, approved 7-1 at the Flint City Council meeting Monday, March 25, may have set in motion the end to Flint paying to get its water from Detroit.

APRIL 2013

Flint residents seeking water bill relief may qualify for new poverty exemption (4/10/13)

hose in Flint struggling to pay their water bill may be eligible for some financial relief under a new program. The "water poverty exemption" was unveiled during emergency manager Ed Kurtz's news conference Wednesday, April 10. The city will waive the "ready to use" fee of $53.78 that is charged to every customer each month.

Flint ending Detroit water contract, DWSD looking at its options (Michigan Radio 4/16/13)

The city of Flint is dumping its contract with the Detroit Water and Sewerage Department. Flint emergency manager Ed Kurtz signed a contract today to get the city's water from a new pipeline that's being built from Lake Huron to Genesee County. Officials with Detroit's system made a final offer to try and keep Flint's business. But Kurtz says the numbers were "unreliable."

Flint, Genesee County officials huddle on Detroit water proposal (MLive)

Flint and county officials are meeting this morning to consider a proposal for future water purchases from the city of Detroit. And while they aren't passing judgment on what's been presented, Mayor Dayne Walling said today that "there does not appear to be a fixed rate" for the life of the 30-year contract Detroit is seeking.

JULY 2013

Flint to spend $171,000 for engineering to treat Flint River water while KWA pipeline is built (MLive – 7/8/13)

The city will spend $171,000 to get Flint's water plant up and running on a continual basis, with the potential to use the Flint River as the primary drinking water source for about two years while the Karegnondi Water Authority pipeline is built.

Flint River now an option drinking water following Detroit's termination of contract (MLive 7/23/13)

The Flint River was not a viable option to provide drinking water to city residents when the water relationship between Flint and Detroit was stable. But river water might be used temporarily as the city's water supply now that Flint signed an agreement with the Karegnondi Water Authority and will get up to 18 million gallons per day of raw water in 2016 from Lake Huron.

MARCH 2014

Flint will get drinking water from river next month as nearly 50-year-old pact with Detroit ends (MLive 3/4/14)

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MAY 2014

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From: ken. hreha <kjhreha@hotmail.com>
Sent: Saturday, December 19, 2015 7:29 AM
To: nkaffer@freepress.com; rmhuschka@freepress.com
Cc: Agen, Jarrod (GOV); Scott, Allison (GOV); cstokes@wxyz.com; devin scillian; john.stoll@wsj.com
Subject: RE: When did state know kids in Flint were lead poisoned?

From: kjhreha@hotmail.com
To: nkaffer@freepress.com; pegan@freepress.com
CC: rmhuschka@freepress.com; nbomey@freepress.com; riley@freepress.com; shenderson@freepress.com; cstokes@wxyz.com; kvoet@wdiv.com; bdickerson@freepress.com; bmccollum@freepress.com; john.stoll@wsj.com; bsnavely@freepress.com; devins@wdiv.com; guyg@wdiv.com; nwarikoo@freepress.com
Subject: RE: When did state know kids in Flint were lead poisoned?
Date: Sat, 19 Dec 2015 07:02:53 -0500

Detroit Free Press,
Nancy Kaffer;

Re: When did state know kids in Flint were lead poisoned?

It's good that MSNBC show host Rachael Maddow dedicated this first 2 segments of her show last night on this terrible and dangerous Flint water situation.

Gov. Snyder is a lying sonofabitches along with is his soon to be former chief of staff who probably had a lot of influence on Snyder is signing off on the deal.

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From: SygoJ@michigan.gov
To: kjhreha@hotmail.com
CC: EisnerJ@michigan.gov; scotta12@michigan.gov; muchmored@michigan.gov; MurrayD1@michigan.gov; pegan@freepress.com; john.stoll@wsj.com; cstokes@wxyz.com; lberman@detnews.com; WyantD@michigan.gov; THELENM2@michigan.gov; WurfelB@michigan.gov; BENZIER@michigan.gov; DONALDSONK@michigan.gov; SHALERK@michigan.gov; FeuersteinH@michigan.gov; DEVEREAUXT@michigan.gov
Subject: RE: GM Tech Center Build 7000 water main break health concern
Date: Thu, 17 Dec 2015 19:42:50 +0000

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http://www.michigan.gov/lara/0,4601,7-154-11407---,00.html

http://health.macombgov.org

Should you require further information concerning public water supply regulation, please contact Kristina Donaldson, Southeast Michigan District Supervisor, Field Operations Section, Office of

Drinking Water and Municipal Assistance (ODWMA), at 586-753-3759; donaldsonk@michigan.gov; or DEQ, 27700 Donald Court, Warren, Michigan 48092.

Jim Sygo
Chief Deputy Director
and Interim Chief, ODWMA
Department of Environmental Quality

From: ken. hreha [mailto:kjhreha@hotmail.com]
Sent: Sunday, November 22, 2015 7:22 AM
To: Wyant, Dan (DEQ)
Cc: Eisner, Jennifer (DHHS); Scott, Allison (GOV); Wurfel, Sara (GOV); Muchmore, Dennis (GOV); pegan@freepress.com; john.stoll@wsj.com; cstokes@wxyz.com; lberman@detnews.com
Subject: GM Tech Center Build 7000 water main break health concern

State of Michigan,
Department of Environmental Quality,
Director Dan Wyant;

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Dryden, Mi.

cc Jennifer Eisner-State of Michigan Dept. of Health and Human Services eisneri@michigan.gov

Kenneth Hreha
Dryden, Mi.

From: ken. hreha <kjhreha@hotmail.com>
Sent: Saturday, December 19, 2015 7:34 AM
To: pegan@freepress.com
Cc: kgray@freepress.com; Agen, Jarrod (GOV); Scott, Allison (GOV)
Subject: RE: When did state know kids in Flint were lead poisoned?

From: kjhreha@hotmail.com
To: nkaffer@freepress.com; rmhuschka@freepress.com
CC: agenj@michigan.gov; scotta12@michigan.gov; cstokes@wxyz.com; devins@wdiv.com; john.stoll@wsj.com
Subject: RE: When did state know kids in Flint were lead poisoned?
Date: Sat, 19 Dec 2015 07:28:39 -0500

Detroit Free Press,
Nancy Kaffer and Paul Egen,

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From: ken. hreha <kjhreha@hotmail.com>
Sent: Saturday, December 19, 2015 7:55 AM
To: miweek@dptv.org
Cc: Agen, Jarrod (GOV); editor@mihomepaper.com
Subject: RE: When did state know kids in Flint were lead poisoned?

WDET Channel 56,
MiWeek,
Ms. Christy MacDonald,

Re: Flint Water crisis

It's good that MSNBC show host Rachael Maddow dedicated this first 2 segments of her show on Fri. 12/18/15 in exposing this terrible and dangerous Flint water situation. You should be proud to be part of the segment shown questioning Gov. Snyder on this terrible crisis that have endangered the lives of so many.

Gov. Snyder is a lying sonofabitches along with is his soon to be former chief of staff and former Treasury chief Andy Dillon who probably had a lot of influence on Snyder is signing off on the deal.

Kudos to MiWeek for keeping on top of this story and to your MiWeek colleague Stephen Henderson and his Detroit Free Press colleagues for previously reporting on this issue.

Furthermore, Snyder's good time pal Steve Arwood over at MEDC isn't no better in not releasing the tax credit information on GM because it is so-called "proprietary information". That boloney because it is taxpayer money he is charged in handling. I feel the Snyder regime is a government of lies and secrecy that tanks Michigan taxpayers every day we get up.

The GM tax credit issue is an important public-policy concern that MiWeek should be investigating as well.

Anyone who follows politics probably figured out a long time ago that Gov. Snyder knew that the Flint water pipes were releasing lead back in the spring and summer and he soon realized if he were to consider any presidential or VP nomination bid and when this story became public it would most certainly tarnished his name in the national spotlight and be a drag the Republican party chances to regain control of The White House.

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cc Jennifer Eisner-State of Michigan Dept. of Health and Human Services eisnerj@michigan.gov

Kenneth Hreha
Dryden, Mi.

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 5:36 PM
To: Agen, Jarrod (GOV)
Subject: Fwd: Letter to Governor
Attachments: Snyder Letter EPR v5-Clean.docx

Will call you on this. Am reaching out to Ken first.

Sent from my Verizon Wireless 4G LTE DROID
---------- Forwarded message ----------
From: Ken Sikkema <ksikkema@pscinc.com>
Date: Dec 28, 2015 5:09 PM
Subject: Letter to Governor
To: "Baird, Richard (GOV)" <bairdr@michigan.gov>
Cc: Chris Kolb <chris@environmentalcouncil.org>

Rich:

Attached is the letter the Task Force will be sending to the Governor tomorrow am...

Ken

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

<u>Regulatory Failure</u>

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan. This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by

this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same

time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Ken Sikkema
Chris Kolb
Matt Davis
Larry Reynolds
Eric Rothstein

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 10:42 PM
To: Agen, Jarrod (GOV)
Subject: RE: Flint letter

I meant to eliminate "many" in the first para. Otherwise looks good to me.

Sent from my Verizon Wireless 4G LTE DROID
On Dec 28, 2015 10:36 PM, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov> wrote:

10:30 am tomorrow works.

Draft statement below. Language regarding Dan is included, pending our discussion tomorrow.

DRAFT STATEMENT

"When I became aware that the city of Flint's water showed elevated lead levels and that many the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify missteps and areas for improvement.

"The task force has done an exceptional job and has been relentless in focusing on the facts. It so far has reviewed stacks of documents and interviewed scores of Flint, Genesee County, state and federal officials, and keeping me and my team apprised of its progress.

"Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately to restore trust in how the state keeps its citizens safe and informed.

"No matter what the testing requirements were, they were not enough to prevent this situation. Moving forward we will listen intently and be more responsive to community needs.

"I am accepting the resignation of MDEQ Director Dan Wyant, and have made other personnel changes to address problems cited by the task force.

"Changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on the Flint water issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure containing lead lines.

"I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

"These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens."

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 10:24 PM
To: Snyder, Rick (GOV) [PPI]
Cc: Clement, Elizabeth (GOV) <clemente@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: Re: Flint letter

10:30 good by me.

Sent from my Verizon Wireless 4G LTE DROID

On Dec 28, 2015 10:14 PM, "Snyder, Rick (GOV)" <PPI> wrote:

If it works, let's do a call at 10:30 tomorrow. Also, please send me the latest version of my proposed statement.

Thanks

Rick

Sent from my iPad

On Dec 28, 2015, at 8:24 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

Governor,

Attached is a letter from the Flint Water Task Force which will be formally sent to you tomorrow. The Task Force then plans to release this letter publicly on Wednesday morning.

You will see the letter is harsh against DEQ.

Rich, Redford, Harvey, Meegan, and myself all just gathered on a conference call to discuss our upcoming actions regarding Flint. While we don't think this letter should change any of our actions, we agreed we may need to accelerate some of the structural changes at DEQ.

Our suggestions:

1) **Make structural changes at DEQ as early as tomorrow:** The recommendations in this letter suggest profound change at DEQ and openly criticize Director Wyant. If this is the path that the Task Force is on, it is best to make changes at DEQ sooner rather than later. That likely means accepting Dan's resignation. It also means moving up the termination of the 3 DEQ personal previously planned for Jan 4 to tomorrow.

2) **Still do statement tomorrow from you regarding Flint:** This statement will be slightly revised by Meegan to acknowledge we received feedback from the Task Force and reiterate that we created the Task Force with the intent of getting honest independent feedback. More importantly, if we are making changes at DEQ, they can also be announced in the statement.

If you have a moment, it is probably best that Rich & I discuss with you over the phone tomorrow morning. But I wanted to get you some of our thinking tonight.

Let me know if there is a good time to discuss tomorrow.

Thanks

Jarrod

<Snyder Letter EPR v5-Clean.docx>

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 10:01 AM
To: Agen, Jarrod (GOV)
Subject: DRAFT: Flint water

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

Moving forward we will listen intently and be more responsive to community needs.

I have determined that it's appropriate to accept the resignation of _____, and have made other personnel changes to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

But I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
Mobile: PPI

Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 11:55 AM
To: Agen, Jarrod (GOV)
Subject: RE: this is what I sent to the Gov

Yep. Here's the new sentence:

Moving forward, we will listen intently and be more responsive to community needs.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I've also made other personnel changes in MDEQ to address problems cited by the task force.

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 11:53 AM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: this is what I sent to the Gov

Need to fix the sentence regarding Dan.

DRAFT STATEMENT:
When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I appointed an independent task force to investigate how the situation evolved and identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

Moving forward we will listen intently and be more responsive to community needs.

I have determined that it's appropriate to accept the resignation of MDEQ Director Dan Wyant, and have made other personnel changes to address problems cited by the task force.

Changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing to arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

But I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, December 29, 2015 3:06 PM
To: Agen, Jarrod (GOV)
Subject: RE: Changes in Administration

Not Responsive

do. While the Flint deal is a slow drip process and put people in the community at risk, we should focus on solutions to their issues not blame. Not Responsive difficult agencies in state government to manage.

Not Responsive

From: Wisniewski, Wendy (GOV) **On Behalf Of** Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 2:03 PM
To: Executive Office All <ExecutiveOfficeAll@michigan.gov>
Subject: Changes in Administration

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly decided to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Muchmore, Dennis (GOV)
Sent: Tuesday, December 29, 2015 4:01 PM
To: Agen, Jarrod (GOV)
Subject: RE: Changes in Administration

Not Responsive

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 3:18 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>
Subject: Re: Changes in Administration

Not Responsive

On Dec 29, 2015, at 3:05 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

Not Responsive

Not Responsive While the Flint deal is a slow drip process and put people in the community at risk, we should focus on solutions to their issues not blame. Not Responsive

Not Responsive

From: Wisniewski, Wendy (GOV) **On Behalf Of** Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 2:03 PM
To: Executive Office All <ExecutiveOfficeAll@michigan.gov>
Subject: Changes in Administration

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I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 5:36 PM
To: Baird, Richard (GOV); Agen, Jarrod (GOV)
Subject: RE: Letter of resignation -- Wurfel

The Detroit News has Brad resigning in this story. The story also quotes Edwards and Dr. Mona, saying Dan shouldn't necessarily have been fired. (!)

Ananich criticizes the culture of the DEQ, and very much echoes the task force report.

- Meegan

From: Baird, Richard (GOV)
Sent: Tuesday, December 29, 2015 5:30 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: FW: Letter of resignation -- Wurfel

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 29, 2015 5:15 PM
To: Winters, Jan (MCSC)
Cc: Sygo, Jim (DEQ); Eyer, Tamara (DEQ); Thelen, Mary Beth (DEQ); Baird, Richard (GOV)
Subject: Letter of resignation -- Wurfel

Ms. Winters,
It has been an honor and a privilege to serve the Michigan Department of Environmental Quality as Communications Director for the past five years.
I'm quite proud of countless accomplishments this team has achieved.

However, I am tendering my two weeks' notice, effective January 16, 2016.

Thank you all for a great run. Best wishes in the new year.
b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
PPI cell)

From: Agen, Jarrod (GOV)
Sent: Monday, January 26, 2015 8:53 AM
To: Paciorek, Josh (GOV)
Subject: FW: Flint water talking points and background
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx

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From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 9:35 PM
To: Agen, Jarrod (GOV); Silfven, Ken (GOV); Biehl, Laura (GOV); Wurfel, Sara (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Flint water talking points and background

Good evening team,

Terry Stanton, working with Brad and Jerry Ambrose, drafted talking points and background on the Flint water issues.

If asked, Terry suggests the governor say:

Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.

Terry said he cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc. He said the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Agen, Jarrod (GOV)
Sent: Friday, September 25, 2015 12:44 PM
To: Murray, David (GOV)
Subject: Re: Questions About Flint Water

I think it's perfectly fair to say the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor.

Sent from my iPhone

> On Sep 25, 2015, at 12:41 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Jarrod,
>
> The first question from this Flint television reporter might be the opening we are looking for. I know we're being RPA and careful, but can I use this as an opportunity to point out that the emergency manager took the action following an 8-1 vote of the Flint City Council and the recommendation from the mayor -- and that the EM was following the wishes of the local leaders?
>
> It's not like the vote was a secret, and there are stories about it at the time. We've tread lightly there before, but her question allows us to state that accurately and openly. Can I go there?
>
> Here question:
>
> 1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?
>
> What do you think?
>
>
> -----Original Message-----
> From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
> Sent: Friday, September 25, 2015 12:24 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Questions About Flint Water
>
> Hello! Below are the questions I'm requesting. It pertains to recent findings by Virginia Tech University and physicians at Hurley Medical Center that show elevated levels of Lead in the water. Particularly unsafe levels found in children's bloodstream in Flint. Both are blaming Flint River water as the cause for these levels. As they were compared to Lead blood levels in children prior to switching from the Detroit Water System to the Flint River.
>
> 1 - When the City of Flint switched from the Detroit Water system to the Flint River under the leadership of Darnell Earley, what was the thought process or reasoning behind that?
>
> 2 - What kind of specific analysis was done before making those decisions. Not speaking to the financial analysis but rather the scientific study of what switching sources could potentially mean?
>

> 3 - There has been a big push from residents, nationally renown scientists and now the medical community to switch back to The Detroit Water System because it is less corrosive. In turn, reducing the amount of Lead in the system due to the highly corrosive Flint River Water. What would it take to do so given that under PA 436 the decision made under Earley cannot be reversed?
>
> 4 - Has he Governor been in contact with City of Flint officials regarding this matter?
>
> 5 - Flint Mayor Dayne Walling has requested financial support from the state in helping with what some are calling a Lead crisis. Is that something the Governor is considering? Given that the decision to switch off of Detroit was under the backing of the Department of Treasury i.e. Darnell Earley.
>
> Thanks!
> Jessica Dupnack

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:09 PM
To: Saunders, Kelli (GOV); Biehl, Laura (GOV)
Subject: Friday

What's LG's availability on Friday?

We have a Flint water press conference at 1:30pm in Flint.
May need him there.

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:10 PM
To: Saunders, Kelli (GOV)
Subject: Re: Friday

Prior to 1:30pm?

> On Sep 29, 2015, at 2:09 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
>
> He's leaving for India.
>
> Kelli
>
> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Tuesday, September 29, 2015 2:09 PM
> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
> Subject: Friday
>
> What's LG's availability on Friday?
>
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> May need him there.
>

From: Agen, Jarrod (GOV)
Sent: Tuesday, September 29, 2015 2:32 PM
To: Saunders, Kelli (GOV)
Subject: Re: Friday

No comment.

> On Sep 29, 2015, at 2:18 PM, Saunders, Kelli (GOV) <saundersk1@michigan.gov> wrote:
>
> Beth, Dennis and LG say no go :/
>
> -----Original Message-----
> From: Agen, Jarrod (GOV)
> Sent: Tuesday, September 29, 2015 2:10 PM
> To: Saunders, Kelli (GOV) <saundersk1@michigan.gov>
> Subject: Re: Friday
>
> Prior to 1:30pm?
>
>
>
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>> Subject: Friday
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>> What's LG's availability on Friday?
>>
>> We have a Flint water press conference at 1:30pm in Flint.
>> May need him there.
>>

From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 10:32 AM
To: Wurfel, Sara (GOV)
Subject: Fwd: Flint

Can you get me answers to these q's?
Josh already sent updated infographics.

Begin forwarded message:

> **From:** "Snyder, Rick (GOV)" PPI
> **Date:** October 2, 2015 at 7:12:40 AM PDT
> **To:** "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
> **Cc:** "Scott, Allison (GOV)" <scotta12@michigan.gov>
> **Subject: Flint**
>
> Do we have updated infographs?
>
> Do we have an answer as to how to reconcile what Genesse County said yesterday with what we are saying today?
>
> Any more info on the timing of filter availability?
>
> Best way to talk about discussions with GLWA?
>
> Thanks
> Rick
>
> Sent from my iPad

From: Agen, Jarrod (GOV)
Sent: Friday, October 02, 2015 3:06 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Freep Editorial

I know Nancy probably doesn't care, but this is outrageous to place the entirety of this blame on the Governor. And she willingly or unwillingly is totally ignoring everything that was said this morning about the Flint River not being the issue. Are others understanding this point? I feel like Chad did on the call.

http://www.freep.com/story/opinion/editorials/2015/10/02/flint-vindication-----snyder-more-questions/73207200/

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 10:30 AM
To: Scott, Allison (GOV)
Subject: Flint/Dan call

I'm very concerned that things will get worse before they get better in Flint.
Have not discussed with anyone, but we may need to get the Gov into Flint for a manageable event (filter distribution, testing visit, etc..) -- maybe even multiple visits.
I'd like to join him for the call with Wyant today and get both their thoughts.

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 06, 2015 5:09 PM
To: Murray, David (GOV); Wurfel, Sara (GOV)
Subject: Fwd: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

This may be helpful in crafting materials.

Begin forwarded message:

From: "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
Date: October 6, 2015 at 5:05:10 PM EDT
To: "Scott, Allison (GOV)" <scotta12@michigan.gov>, "Muchmore, Dennis (GOV)" <muchmored@michigan.gov>, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>, "Dickinson, Sarah (GOV)" <DickinsonS@michigan.gov>
Subject: Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED

The Flint Drinking Water Action Plan was announced on October 2, 2015. It included the following:

- Testing in Flint public schools immediately
- Offered free water testing to Flint residents
- Provided free water filters to residents with concerns or who are included in state assistance programs
- Expanding health exposure testing of individual homes
- Accelerating corrosion controls in the Flint drinking water system
- Accelerating water system improvements to address replacing lead service lines
- Expediting the completion of the Karegnondi Water Authority pipeline
- Expanding a Safe Drinking Water Technical Advisory Committee
- Named Dr. Eden Wells as the Flint drinking water public health advisor
- Boosted a comprehensive lead education program

Testing in Flint Public Schools Immediately

Samples were taken on October 2 and were received at DEQ laboratory over the weekend. Test results to date indicate 37 samples tested, 4 of which exceeded a federal action level, and 1 of those 4 was a significant outlier. We will be compiling detailed information about which schools and area codes the test results came from and will be providing that information in our next update.

We have met with DHHS, and we are working on developing response protocols, a communications plan, and guidance for schools when this data is reported.

Offered Free Water Testing to Flint Residents

We have received 4 sets of samples from Flint that represent individual residents. We will be compiling the total number and the results of those samples and reporting in a future report.

Provided Free Water Filters to Residents with Concerns or Who are Included in State Assistance Programs

DHHS held organizational meetings in Flint on October 5, and filter distribution by DHHS started on October 6. Nick Lyon in DHHS is taking the lead in filter distribution.

Expanding Health Exposure Testing of Individual Homes

Dr. Wells and Dan Wyant have been in conversations about a protocol for exposure testing. Dr. Wells will take the lead on developing the protocol.

Accelerating Corrosion Controls in the Flint Drinking Water System

A conference call was held with U.S. EPA Regional Administrator Susan Hedman and national corrosion control experts. We asked two questions:

1. **Which is a safer water source – DWSD or Flint River?**
2. **If you don't have an opinion on the safer source, what criteria should we use for an evaluation?**

EPA staff would not commit to a preference, but their evaluation of the criteria clearly lead to the conclusion that DWSD was a safer water source. EPA committed to submitting technical assistance to the Safe Drinking Water Technical Advisory Committee (Advisory Committee) meeting, which will be held on October 7 at 2:00 p.m. in Flint City Hall.

DEQ met with the Flint Mayor, the city manager, and their water staff. Flint agreed to expediting corrosion controls. We discussed the agenda for the Advisory Committee meeting. The Advisory Committee will be asked to evaluate two respective water sources at their Wednesday meeting.

We expect the Advisory Committee to recommend the water source that would address not only lead safety but also other water safety issues.

Accelerating Water System Improvements to Address Replacing Lead Service Lines

Conversations with Congressman Kildee and EPA have clarified the state would be allowed to use Drinking Water Revolving Loan funds to replace private drinking water service lines. Senator Ananich has been approached to introduce language clarifying the state's authority.

Expediting the Completion of the Karegnondi Water Authority Pipeline

Dan Wyant has talked to Genesee County Drain Commissioner Jeff Wright. Mr. Wright has provided a list of issues that would help expedite the completion of the Karegnondi

Water Authority pipeline. They include truck weight and frost law exemptions, talent identification, and expediting permits.

Expanding a Safe Drinking Water Technical Advisory Committee

EPA has appointed their national technical expert to the Advisory Committee, and we have appointed Alfred Franzblau, M.D., Professor of Environmental Health Services, University of Michigan, to the Advisory Committee.

Named Dr. Eden Wells as the Flint Drinking Water Public Health Advisor

Boosted a Comprehensive Lead Education Program

Other Updates

- Dan Wyant was interviewed on October 6 by CBS Evening News during filter distribution in Flint. Questions asked were:
    - Was it a mistake to go to Flint River water?
      Answer: We draw water from the surface waters; we treat it to safe drinking water standards. At issue is lead exposure. Lead exposure must be addressed. Actions are being taken to address the issue.
    - Did you put kids at risk?
      Answer: Lead exposure is a serious issue, and steps need to be taken to limit lead exposure.
    - Why did it take so long?
      Answer: DEQ has been there from the beginning addressing the issue of Flint water. Recent tests justify and require the actions taken. Action steps address short-term, intermediate, and long-term lead issues to ensure public safety and confidence of the drinking water.

- Dan Wyant also spoke to the Governor about Flint funding needs. A meeting is scheduled for October 7 at 8:00 a.m. to further discuss proposals.

- What we are telling Flint citizens is:
    - Have your water tested
    - Use only cold water for drinking, cooking, and preparing formula
    - Run water before use if it has not been used for several hours
    - Obtain a water filter approved for lead removal
    - Purchase lead-free plumbing components
    - Remove entire lead service lines

From: Agen, Jarrod (GOV)
Sent: Wednesday, October 07, 2015 3:14 PM
To: GovCalendar
Subject: Accepted: RDS - REMARKS (AHeaton) Press Conference Re: Flint Water

From: Agen, Jarrod (GOV)
Sent: Monday, October 19, 2015 11:02 AM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP

Importance: High

I'm guessing you've covered it already, but please make sure Gov is aware of Dan's comments on DEQ "mistakes" before the Ed Boards.
Dan sent the Gov a note yesterday to make sure he was aware. But I'm sure it will at least come up today.

From: Wurfel, Brad (DEQ)
Sent: Monday, October 19, 2015 8:36 AM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
Cc: Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Subject: DRAFT DEQ Statement on leadership change And KEY MESSAGES-- Need review ASAP
Importance: High

This is going out to media as soon as I've got green light from folks in the "to" line. Everyone else is also welcome to share thoughts as well.
Thanks for fast review.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
PPI cell

DEQ Director Dan Wyant today made the following statement as he announced DEQ Chief Deputy Jim Sygo will immediately assume the role of interim chief of the department's Office of Drinking Water and Municipal Assistance:

"It recently has become clear that our drinking water program staff made a mistake while working with the City of Flint. Simply stated, staff employed a federal protocol they believed was appropriate, and it was not. The water testing steps followed would have been correct for a city less than 50,000 people, but not for a city of nearly 100,000.

As details of the situation emerge, I am convinced our program staff believed they were doing their job right. As the state recognized there could be a health threat to Flint residents, we took appropriate steps. We are now embarked on an unprecedented effort to safeguard Flint residents and families with near-term, intermediate and long-term actions to protect and educate city residents.

The issue in DEQ is experience and protocol with respect to corrosion control. The Governor has called for an independent, third-party after-action review. I have taken the step of changing leadership in the division. We are working with our federal partners and committed to being part of the U.S. EPA's effort to strengthen its Lead and Copper rule.

All who brought this issue to the department deserve credit for bringing it forward. Lead is a serious issue, particularly for young people, and we take it seriously. The Governor's plan incorporates the suggestions outlined by the EPA and researchers at Virginia Tech.

We will learn from this. We will make necessary changes to see to it that our program becomes a national leader in public health protection."

KEY MESSAGES:

1. It is increasingly clear through internal review at DEQ that staff overseeing drinking water mistakenly applied the wrong federal protocol when the city of Flint switched to the Flint River.

2. Today's announcement of new leadership in that division aligns with the states goal: make sure the public health is protected in Flint and elsewhere in the state, and ensure we learn from this so it never happens again.

3. The governor's action plan continues to protect kids and families in Flint, with the switch back to Detroit water last week, free water filtration for all city residents, and inspection of all Flint schools for lead exposure.

4. Flint families who are concerned are encouraged to take advantage of free home water testing through the city and blood lead level testing for children.

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 9:29 AM
To: Wurfel, Sara (GOV)
Cc: Murray, David (GOV)
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

He absolutely needs to drop the Ghandi quote.

From: Wurfel, Sara (GOV)
Sent: Tuesday, October 20, 2015 9:21 AM
To: Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: Earley Flint Water OpEd-FOR REVIEW AND INPUT

On my calendar to review this morning. Somewhat of a tricky box.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:53 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
Subject: Earley Flint Water OpEd-FOR REVIEW AND INPUT

All,

Darnell Earley asked that I send you the draft of an OpEd regarding the Flint Water issue that he would like to send to the media this week.

He is seeking your input before sending, and is looking for any feedback you might have by tomorrow afternoon. He has intentionally placed it on his EM letterhead as he is still acting in the capacity of an EM.

Thank you.

Michelle Z.

Michelle A. Zdrodowski

Executive Director of Communications
Detroit Public Schools
3011 W. Grand Boulevard, 14th Floor
Detroit, MI 48202
313.873.3238, office

PPI mobile

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 1:19 PM
To: Baird, Richard (GOV); Hollins, Harvey (GOV)
Subject: Flint Member for After Action Team

Rich & Harvey
Governor feels strongly that we need a Flint member of the After Action Commission.
Some suggestions from Dennis and the LG are below.
Do you have thoughts on getting a Flint person on board before we announce?

David Layton
Pastor Overton
Pastor Harris

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 3:15 PM
To: Kelly Rossman-McKinney
Cc: Darnell Earley; Muchmore, Dennis (GOV)
Subject: Re: Earley Flint Water OpEd-FOR REVIEW AND INPUT

In the Governor's visit to the Free Press yesterday, they tried to tie Flint to the DPS situation several times. Their argument is that usage of EMs is flawed and they were pushing that public can't trust EMs because of what happened in Flint.

Henderson brought this up as well with the Governor on the radio this morning.

Kelly is correct that DEQ is the bulk of the storyline now, but I think some media will still view this as an indictment of using EMs -- particularly Darnell. So, I'd suggest you go ahead with Op-Ed and get your side on the record.

On Oct 20, 2015, at 2:13 PM, Kelly Rossman-McKinney <krossman@truscottrossman.com> wrote:

> I still recommend you sit tight and NOT send this - but let's see what Dennis and Jarrod say.
>
> Sent from my iPad
>
> On Oct 20, 2015, at 2:05 PM, Darnell Earley <darnell.earley@detroitk12.org> wrote:
>
> > Hmmm...okay.
> >
> > DE
> > Darnell Earley, ICMA-CM, MPA
> > Emergency Manager
> > Detroit Public Schools
> >
> > **From:** Muchmore, Dennis (GOV) <muchmored@michigan.gov>
> > **Sent:** Tuesday, October 20, 2015 2:01 PM
> > **To:** Darnell Earley
> > **Cc:** 'Kelly Rossman-McKinney'; Agen, Jarrod (GOV)
> > **Subject:** RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT
> >
> > Darnell-
> > Jarrod does not believe you should send this on DPS letterhead. He thinks it will stoke the anti fires in Detroit and Flint. I'll let you talk directly with him if you have questions.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, October 20, 2015 1:44 PM
To: 'Michelle Zdrodowski' <michelle.zdrodowski@detroitk12.org>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
Cc: Darnell Earley <darnell.earley@detroitk12.org>; Kelly Rossman-McKinney <krossman@truscottrossman.com>
Subject: RE: Earley Flint Water OpEd-FOR REVIEW AND INPUT

We think it is fine. Jarrod suggests strongly that you leave out the Ghandhi quote. We think it detracts from your overall message.

From: Michelle Zdrodowski [mailto:michelle.zdrodowski@detroitk12.org]
Sent: Monday, October 19, 2015 5:13 PM
To: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>; Paul Conners <connersp@michigan.gov>; Saxton, Thomas (Treasury) <SaxtonT@michigan.gov>; Khouri, Nick (TREASURY) <KhouriN@michigan.gov>; Stanton, Terry A. (Treasury) <StantonT@michigan.gov>; Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; haddenf@michigan.gov
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Executive Director of Communications

Detroit Public Schools

3011 W. Grand Boulevard, 14th Floor

Detroit, MI 48202

313.873.3238, office

PPI mobile

From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 5:19 PM
To: Bedan, Morgan (GOV)
Subject: For Flint After Action meeting
Attachments: PR 151020 Flint after action.docx; Not Responsive
Not Responsive

Attached is a draft press release to be reviewed with the after action team tomorrow morning.

In addition, Rich & Harvey are vetting & reaching out to two potential Flint residents to join the task force:

1) Dr. Lawrence Reynolds, MD of Mott Children's Hospital, long standing and respected member of the Flint community, speaks his mind and very professional.

2) Dr. Clarence Philips, MD of the Hamilton Health Center that serves the indigent population in Flint. Again, long standing and respected member of the Flint community, speaks his mind and very professional.

Depending on which one is selected, Rich will invite them to the meeting tomorrow by phone or in person.

Attached are resumes for Not Responsive

Draft Agenda:

1) Introductions
2) Mission of Task Force
3) Background Info
4) Discussion of Timeline
5) Q & A from Task Force Members
6) Communications Strategy/Review Press Release

Suggested Goals for Task Force:

1) Thorough review of all steps taken in Flint regarding switch to Flint River and back GLWA.
    a. Create Timeline of actions
    b. Establish why each action was taken
2) Review of role of Feds, EM, State, City Council, and Mayor in process.
    a. Establish best practices for Feds, State, Local, and EM to work together in future situations
    b. Indicate where coordination could have been and should be improved
3) Review of DEQ & DHHS actions & protocols
    a. Did DEQ & DHHS follow the proper procedures?
    b. Do the procedures need to change?
4) Provide guidance for switch back to GWLA
    a. Ensure proper corrosion controls & testing is in place
    b. Highlight steps for eventual switch to Karegnondi

5) Testing Beyond Flint
    a. What practices need to change in communities outside of Flint?
    b. What change in law is recommended to ensure all Michiganders are drinking clean water?

Suggested Timeline:

The task force members have indicated that 2 months is the earliest possible time to properly conduct a full after action report. In reality, they suggest 3 months is more feasible. Given the holidays, a 2 month timeline puts us roughly right around Christmas. I would suggest we set a 3 month goal.

Oct 21: After Action Team Announced
Jan 8: Preliminary After Action Report Submitted for Internal Review
Jan 22: Final After Action Report Submitted
Week of January 25: Report Released

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces formation of Flint Water After Action Report Commission

Experts will provide ongoing monitoring of city water system

LANSING, Mich. – Gov. Rick Snyder today announced a new task force to review the state's actions regarding water usage and testing in Flint. The commission will conduct a thorough review and lay out recommendations on future guidelines for water testing. It will also monitor the transition of Flint's city water system back to the Great Lakes Water Authority, and its eventual transition to the Karegnondi Water Authority pipeline.

The commission will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, and Eric Rothstein, of the Galardi Rothstein Group.

"As stated previously, transitioning back to the Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on technical issues will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the citizens of Flint."

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate Majority Leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served eight years on the Ann Arbor City Council. He has been president of the MEC for eight years.

Matthew Davis, M.D., M.A.P.P., is Professor of Pediatrics and Internal Medicine at the University of Michigan Health System and Professor of Public Policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. He is the founding Director of the C.S. Mott Children's Hospital National Poll on Children's Health and the National Voices Project. Dr. Davis also previously served as the Chief Medical

Executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal advisor for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

As Gov. Snyder previously stated, reconnecting with the authority will not completely resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality is continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

This Document is a Non-Responsive Attachment.

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From: Agen, Jarrod (GOV)
Sent: Tuesday, October 20, 2015 5:45 PM
To: Bedan, Morgan (GOV)
Subject: Re: For Flint After Action meeting

You can add this link for Dr. Reynolds:

https://cfgf.org/cfgf/tabId/394/itemId/222/Dr-Lawrence-Reynolds-Honored-by-CFGF.aspx

Sent from my iPhone

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Jan 8: Preliminary After Action Report Submitted for Internal Review
Jan 22: Final After Action Report Submitted
Week of January 25: Report Released

<PR 151020 Flint after action.docx>

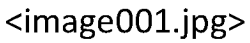
Not Responsive

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 02, 2015 4:54 PM
To: Murray, David (GOV)
Subject: Re: Can you call?
Attachments: image001.jpg

Just getting out of meetings now.
Please make sure this gets into Gov's packet.

On Dec 2, 2015, at 4:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Jarrod, here's the updated press release from the DHHS re Flint blood testing.
>
> **From:** Eisner, Jennifer (DHHS)
> **Sent:** Wednesday, December 02, 2015 4:39 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>
> **Subject:** RE: Can you call?
>
> Dave --
>
> Attached please find the updated report and press release. Calling you now.
>
> Best,
>
> Jennifer Eisner
> Public Information Officer
> Michigan Department of Health and Human Services
> Office: 517-241-2112 or EisnerJ@michigan.gov
> Cell: PPI
>
> **From:** Murray, David (GOV)
> **Sent:** Wednesday, December 02, 2015 3:21 PM
> **To:** Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
> **Subject:** Can you call?
>
> Hi guys,
>
> Getting some pressure about an ETA. Do you have any idea?
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> PPI mobile
> Twitter:@michigandmurray



<Flint Blood Testing Report 1Dec15.pdf>

<Flint EBL Data Press Release V7.docx>

From: Agen, Jarrod (GOV)
Sent: Wednesday, December 02, 2015 5:24 PM
To: Murray, David (GOV)
Subject: Re: Can you call?

Just talked quickly with the Gov on this.
He had two other questions, which I think we'll get from press:

1) Do the elevated lead levels stick with a person for life?

2) Why do the lead levels spike on a seasonal basis?

On Dec 2, 2015, at 4:59 PM, Agen, Jarrod (GOV) <AgenJ@michigan.gov> wrote:

> hold on.
> i think we need to make part of this easier to read.
>
> On Dec 2, 2015, at 4:43 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
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> > **Subject:** Can you call?

Hi guys,

Getting some pressure about an ETA. Do you have any idea?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

<Flint Blood Testing Report 1Dec15.pdf>

<Flint EBL Data Press Release V7.docx>

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 08, 2015 3:48 PM
To: Brown, Jessica (GOV); Bedan, Morgan (GOV)
Cc: Biehl, Laura (GOV)
Subject: RE: 12/9 Radio Briefings

Did we get updated Flint info for him?

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 2:56 PM
To: Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Subject: 12/9 Radio Briefings

RDS – LIVE Radio interview with WTCM and Ron Jolly

Time: 7:25 – 7:35 a.m.

RDS to call: PPI
Call at 7:24, will go live within one minute

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

Recent articles:
Northern republicans backed road plan (Cheboygan Tribune)
http://www.cheboygannews.com/article/20151110/BLOGS/151109101
County Commissioners wait on pipeline resolution (Petoskey News)
http://www.petoskeynews.com/featured-pnr/county-commissioners-wait-on-pipeline-resolution/article_2b43079f-c4ff-57c2-bb9a-cc145c59d29c.html
Senate leaders: Michigan energy overhaul won't happen in 2015 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/senate_leaders_michigan_energy.html
Utilities stress urgency of Michigan energy overhaul as it spills into 2016 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/utilities_stress_urgency_of_mi.html
Despite Snyder's "pause," Syrian refugees continue to arrive in Michigan (Michigan Radio)
http://michiganradio.org/post/despite-snyder-s-pause-syrian-refugees-continue-arrive-michigan#stream/0

Last interview: 4/30/15 **Not Responsive**

Market: Traverse City / online http://wtcmradio.com/

Contact: Studio line: PPI ; Back-up: PPI

RDS – LIVE Radio interview with WSJM and Pat Moody

Time: 7:40 – 7:50 a.m.

RDS to call: PPI
Call right at 7:40, live when phone is answered. Stay on line until phone is picked up as Pat is the only one in studio.

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

Not Responsive

Recent articles:
Road funding deal to be signed (WSJM)
http://www.wsjm.com/2015/11/10/road-funding-deal-to-be-signed/
Gov. Snyder wants bipartisan group to address (WSJM)
http://www.wsjm.com/2015/12/02/governor-snyder-wants-bipartisan-group-to-address-concerns-over-refugee-screening/
Nesbitt's Energy committee trying to pass energy reform
http://www.wsjm.com/2015/11/05/nesbitts-energy-committee-trying-to-pass-energy-reform-bills-today/
Oil spill, high waves: A Great Lakes Disaster Scenario (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/05/enbridge-pipeline-straits-mackinac-oil-spill-waves/76728434/
Gov. Rick Snyder launches statewide tour to promote skilled trades (MLive)
http://www.mlive.com/news/grand-rapids/index.ssf/2015/11/governor_snyder_launches_state.html
County Commissioners wait on pipeline resolution (Petoskey News)
http://www.petoskeynews.com/featured-pnr/county-commissioners-wait-on-pipeline-resolution/article_2b43079f-c4ff-57c2-bb9a-cc145c59d29c.html
Senate leaders: Michigan energy overhaul won't happen in 2015 (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/senate_leaders_michigan_energy.html

Last interview: 3/20/15 Not Responsive

Market: St. Joe/Benton Harbor- http://www.wsjm.com/

Contact: Studio line: PPI Back-up (Pat's cell): PPI

RDS – TAPED Radio interview with WFNT and Jason Cooper

Time: 7:55 – 8:05 a.m.

RDS to call: PPI
Call right at 7:55, interview is taped.

Purpose: Year-end accomplishments interview. Covers 2015 highlights and 2016 look-ahead.

Possible Topics:

- Road Funding package
- Flint's emergency manager exit
- Flint water
- Syrian refugee talks
- Concealed carry bill re: prison guards and parole officers
- Education accomplishments and look-ahead (if time allows)

Recent articles:

Flint schools slash debt by $11M, but state to review finances under new law (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_school_district_slashes.html
Flint city attorney resigns; new mayor says she expects to name replacement (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/peter_bade_flint_city_attorney.html
Flint Mayor Karen Waver unveils 100-day plan, including audit of city funds (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/12/flint_mayor_karen_weavers_100-.html
Push to recall Snyder over Flint water crisis stalls (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/12/03/elections-board-rejects-latest-snyder-recall-petition/76712410/
Give Flint $50M to replace lead water pipes (Detroit Free Press)
http://www.freep.com/story/news/columnists/rochelle-riley/2015/11/12/flint-water-sheldon-neeley-michigan-legislature/75610846/

Last interview: 3/10/15 **Not Responsive**

Notes: Jason Cooper<http://wfnt.com/author/jcooper/> WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show from 11-noon.

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Contact: Studio line: **PPI**

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: **PPI**
BrownJ53@michigan.gov

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 08, 2015 3:50 PM
To: Biehl, Laura (GOV); Brown, Jessica (GOV)
Subject: FW: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Attachments: 2015-12-07 Flint Drinking Water Action Plan Update.pdf; What is a Part Per Billion.pdf

Importance: High

This was last night's update

From: Wyant, Dan (DEQ)
Sent: Monday, December 07, 2015 3:34 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>; Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>; Bedan, Morgan (GOV) <BedanM@michigan.gov>; Baird, Richard (GOV) <bairdr@michigan.gov>
Cc: Wyant, Dan (DEQ) <WyantD@michigan.gov>; Dickinson, Sarah (GOV) <DickinsonS@michigan.gov>; Edgerton, Shelly (LARA) <EdgertonS1@michigan.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>
Subject: 2015-12-07 Flint Drinking Water Action Plan Update - FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGED
Importance: High

Dear Governor's Office:

Please provide the following to the Governor as a part of his daily briefing packet. If you have any questions, please let us know.

- Flint Drinking Water Action Plan Update
- Document on What is a Part Per Billion.

As a reminder we will prepare these reports to you weekly, every Monday afternoon, for the previous week's actions. I have also added Richard Baird to this weekly email.

Thank you.

Dan Wyant
Director

Flint Drinking Water Action Plan Update

FOIA EXEMPT AND ATTORNEY-CLIENT PRIVILEGE

Key Actions:

On December 3, 2015, DHHS released blood lead level testing data. The data covered the time frame between January 1, 2010, and November 13, 2015. The data was broken down by population set and by demographic. The population sets included the state of Michigan as a whole, Genesee County as a whole, and the city of Flint ZIP Codes 48501 to 48507. The demographic sets broke the populations down into the age groups of: "Children younger than 6 Years Old," "Children 6 to 17 Years Old," "Adults 18 Years and Older," and "Total Number of People of All Ages Tested."

On December 3, 2015, the DEQ released the lead in drinking water data and final report for Eisenhower Elementary School. The findings in the report were very similar in nature to those found in the report for Freeman Elementary School. There were a number of fixtures and plumbing immediately adjacent to fixtures that were imparting lead into the water. The report recommends replacement of these fixtures and related plumbing.

On December 4 and 5, 2015, staff from the DEQ and DLARA conducted a plumbing evaluation and subsequent sampling of the fixtures used for drinking water consumption at Potter Elementary School in Flint. There were a total number of 288 samples taken at 57 different locations throughout the school.

Positions:

There are no new positions to report since last week.

Concerns:

There are no new concerns to report since last week.

Significant Events:

On November 30, 2015, Director Dan Wyant and George Krisztian met with water quality expert Dr. Joan Rose of Michigan State University. The purpose of the meeting was to discuss the situation in Flint and to seek guidance on approaches for addressing the issue. Dr. Rose expressed that she felt there were three different fronts necessary to address the issue. These were to create a "Trust Plan," a "Communications Plan," and a plan to "Get the lead out." Dr. Rose provided several different examples of communities that had undergone similar challenges and what approaches worked and what approaches did not.

On December 3, 2015, representatives from the Governor's office, DEQ, and Office of Urban Initiatives met with Flint City Mayor Karen Weaver and members of her transition team. The purpose of the meeting was primarily introductory in nature, and the conversations were at a high level discussing the needs of the city as well as how communications with the residents of the city could be improved. There was also discussion of the lead testing results, both for home owners and in the schools. There was particular interest in the sampling protocol that was used to obtain samples in the schools. Overall, the conversation was very positive, with everyone agreeing that a coordinated effort was necessary to be able to effectively address the lead issue.

On December 3, 2015, Director Dan Wyant was interviewed by Lori Jane Gliha for a segment on America Tonight. The questions mainly focused on what had happened in the past and were tough. The responses echoed the message that the DEQ empathizes with the residents of Flint; we are committed to bringing about a resolution; we have a plan; we are moving forward; and we recognize that we need to rebuild trust in the community.

On December 4, 2015, representatives of the DEQ (Jim Sygo, Karen Tommasulo, and George Krisztian) met with Flint Mayor Karen Weaver and other city officials for the weekly coordination meeting. Calling into the meeting were representatives of DHHS and DLARA. The blood lead data that DHHS released the previous day was discussed, and Dr. Eden Wells provided detailed comment on the data. There was also detailed discussion regarding the Revolving Loan Fund and how it might be utilized to help address the issue of lead service line replacement.

On December 4, 2015, representatives of the DEQ (Jim Sygo, Karen Tommasulo, and George Krisztian) met with Flint Community Schools Superintendent Bilal Tawwab. The main topic of discussion was a review of the lead in drinking water data obtained to date. Superintendent Tawwab was informed that the schools, in general, were all following a similar pattern in that the sources of lead appear to be coming primarily from fixtures and the adjacent plumbing. Superintendent Tawwab indicated that his office has already made the decision to follow all recommendations in the reports. It was also agreed that a monthly meeting would be helpful to ensure that the process kept moving forward. In addition, there was discussion about a document that the DEQ would create that would explain what constituted a part per billion or ppb. A draft document without graphics was given to Superintendent Tawwab, and he indicated that the final version would be a very helpful aid to parents and students.

Changes from Previous Report:

- Draft sampling instructions were developed for lead and copper compliance sampling, incorporating comments by the U.S. Environmental Protection Agency (EPA). The revised document is being sent back to the EPA for final comment.

- DEQ staff met with DHHS staff to assist with development of a phosphate fact sheet. DHHS is the lead on this and will be submitting a revised version to the DEQ for final comment. This document is being developed to answer home owner questions regarding the safety of the addition of phosphate to the water received by the city of Flint from Detroit.

- Staff from the DEQ provided a "Standby Operations" letter to the city of Flint. The purpose of the letter is to define what practices are to be utilized in the event of an emergency.

- Staff from the DEQ followed up with the city of Flint on the status of the installation of corrosion control treatment. Pumps were installed on November 30, 2015. It is anticipated that the startup of the system will begin during the week of December 7, 2015.

Other Item:

Attached is the draft document, "What is a Part per Billion."

Prepared by: George Krisztian, Flint Action Plan Coordinator
Laboratory Director
Department of Environmental Quality
Telephone: 517-284-6719
Cell: **PPI**
December 7, 2015

This Document is a Non-Responsive Attachment.

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 3:18 PM
To: Muchmore, Dennis (GOV)
Subject: Re: Changes in Administration

Not Responsive

On Dec 29, 2015, at 3:05 PM, Muchmore, Dennis (GOV) <muchmored@michigan.gov> wrote:

Not Responsive

Not Responsive While the Flint deal is a slow drip process and put people in the community at risk, we should focus on solutions to their issues not blame. Not Responsive

Not Responsive

From: Wisniewski, Wendy (GOV) **On Behalf Of** Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 2:03 PM
To: Executive Office All <ExecutiveOfficeAll@michigan.gov>
Subject: Changes in Administration

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly decided to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue to work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

From: Murray, David (GOV)
Sent: Monday, February 02, 2015 1:34 PM
To: Agen, Jarrod (GOV); Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Wurfel, Brad (DEQ); Biehl, Laura (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Rexford, Tori (GOV)
Subject: Flint event on Tuesday
Attachments: 2 FDCVT Grant Awards draft.docx; Briefing Flint grant announcement.docx; RELEASE Flint water grants.docx

Good afternoon team,

Just wanted to touch base on Tuesday's event in Flint. Unless told otherwise, I'm continuing to prepare for the event.

I touched base with Harvey and Stacie, who recommended we proceed. Harvey is approaching some stakeholders about appearing at the event, and will forward those names to me later today.

I left a message with Dick Posthumus to see if he has any concerns about proceeding.

The Senate Democrats said Sen. Ananich will want to appear. Katie Carey from the House said she would forward information to Rep. Neeley and Phelps. I have not heard back from her yet.

I've attached the backgrounder and the draft releases from Governor's Communications and Treasury. I've sent a message to the mayor's office about a quote, but have not heard back yet.

Brad and I spoke about Director Wyant's role and potential comments. He will point out that there are things the state can do to help monitor the situation, but also will note that the city's water infrastructure is aging, which contributes to the problems.

We need some direction on an advisory. Should this be listed on a typical advisory from the governor's office, or come from Treasury? Do we even issue an advisory in favor of just contacting media directly in the morning?

Please give the draft releases a read for potential changes, or let me know of other concerns.

Thank you!

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

R. KEVIN CLINTON
STATE TREASURER

February 3, 2015

FOR IMMEDIATE RELEASE
www.michigan.gov/treasury

Contact: Terry Stanton, Treasury
(517) 335-2167
Dave Murray, Governor
(517) 335-6397

draft

Gov. Rick Snyder announces grants helping distressed municipalities with water, public safety, appraisal issues

$8 million awarded for projects aimed at improving services, quality of life

LANSING, Mich. -- Gov. Rick Snyder today awarded $8 million to six municipalities to fund various improvement projects, including water system and street lighting enhancements and technology upgrades through the Financially Distressed Cities, Villages, and Townships Grant Program.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of "probable financial stress," as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

"Municipalities receiving this special funding are some of the areas hardest hit by the Great Recession," Snyder said. "I am pleased we can offer funding assistance to help these local governments improve various public services their taxpayers and residents expect and deserve."

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

The following communities will receive funding this year, with projects and amounts noted (alphabetical order):

Local Unit	Project Description	Amount
City of Benton Harbor	Complete a property reappraisal to provide updated and accurate assessing records. Additionally, community enhancement through blight management and sidewalk replacement.	$475,000
City of Benton Harbor	Water system enhancement through water main replacements and fire hydrant repairs.	$434,960
City of Ecorse	Public safety enhancement through improved street lighting.	$350,000

City of Flint	Water system enhancement through improved waste management.	$1,100,000
City of Flint	Water system enhancement through leak detection and pipe assessments.	$900,000
City of Hamtramck	Complete a property reappraisal to provide updated and accurate assessing records.	$167,860
City of Hamtramck	Upgrade City Hall security.	$50,000
City of Hamtramck	Public safety enhancement through improved street lighting.	$404,600
City of Highland Park	Water system enhancement through meter replacement, leak detection, and system repairs.	$2,000,000
City of Inkster	Complete a property reappraisal to provide updated and accurate assessing records.	$73,460
City of Inkster	Water system enhancement through fire hydrant repairs.	$150,000
City of Inkster	Provide a backup power source for public safety.	$30,000
City of Inkster	Public safety enhancement through the creation of a multi-jurisdictional narcotic team.	$240,000
City of Inkster	Public safety enhancement through police officer training.	$41,970
City of Inkster	Public safety enhancement through the deployment of an additional police officer.	$320,000
City of Lincoln Park	Public safety enhancement through updated technology.	$143,490
City of Melvindale	Public safety enhancement through fleet replacement of police vehicles and updated technology.	$88,000
City of Pontiac	Community enhancement through blight management.	$125,000
City of River Rouge	Public safety enhancement through improved street lighting. Additionally, infrastructure replacements to City Hall.	$591,508
Royal Oak Township	Public safety enhancement through improved street lighting	$86,559
Royal Oak Township	Public safety enhancement of police services.	$217,593

Applications for the next round of Financially Distressed Cities, Villages, and Townships Grant Program will be available on the Department of Treasury website this spring. Applications must be submitted to Treasury by the close of business on XXX, XXX 31, 2015.

Preference is generally given to applicants from local units in which:

- A financial emergency has been declared in the past five years;
- An approved deficit elimination plan for the general fund is currently in place; or,
- Two or more conditions indicating "probable financial distress" currently exist.

For more information about FDCVT grants, including an application for cities, villages, and townships, visit www.michigan.gov/revenuesharing.

####

*Conditions of "probable financial distress" relating solely to school districts are not included as conditions for FDCVT, as school districts are not eligible.

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, 517-449-8343
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, 517-230-8006
Treasury communications: Terry Stanton, stantont@michigan.gov, 517-830-5807

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	Rep. Neeley remarks.
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

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The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

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Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
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- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund

- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part. Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe. Thank you for your ongoing support.

Links to coverage

- Mayor, governor have 'long, productive' talk about Flint's water problems, Jan. 30
- 2,000 more gallons of water headed to Flint for giveaway, Jan. 30, 2015
- Flint emergency manager says there are two big reasons not to reconnect Detroit water, Jan. 29
- Flint Democracy Defense League plans four meetings on city's water problems, Jan. 29
- Environmentalist sends out new warnings about Flint water, NBC, Jan. 27
- Erin Brockovich says on Facebook she's prepared to come to Flint, MLive, Jan. 27
- Mott Community College not waiting for Flint to ensure safe water, MLive, Jan. 26
- Detroit water chief says she's willing to sell emergency water to Flint -- no strings attached, Jan. 26
- Mayor says governor needs to visit Flint to see water crisis first hand, MLive, Jan. 26
- Need water? Flint groups collect 600 cases, plan distribution this week, MLive, Jan. 26
- Incoming Flint water expert would have 'continual oversight' until new pipeline connected, Jan. 25
- Looking back at Flint's water problems (photo gallery), MLive, Jan. 25
- Flint water problems: Switch aimed to save $5 million -- but at what cost?, MLive, Jan. 23
- State says its already 'working diligently' on Flint's water problems, MLive, Jan. 22
- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Sara Wurfel or Dave Murray, Governor's Office 517-335-6397 Terry Stanton, Department of Treasury 517-335-2167	<< AUTODATE >>

Gov. Rick Snyder awards Flint $2 million in Distressed Cities grants for water system infrastructure improvements

Funding to be used for leak detection, waste incinerator replacement

LANSING, Mich. – Gov. Rick Snyder today awarded Flint $2 million in grants for water system infrastructure improvements, part of an overall $8 million plan to help cities through the Financially Distressed Cities, Villages, and Townships Grant Program.

Flint is among six municipalities receiving grants through the program. The city will use the funding to detect leaks in its water lines and replace its Water Pollution Control Facility Incinerator.

"There are opportunities for the state government to assist Flint city leaders as they address issues related to the city's water system," Snyder said. "These grants will help recovering cities improve public services and infrastructure, improving the quality of life for all residents."

The grants to Flint were announced today at the Haskell Community Center by Harvey Hollins, director of the state's Office of Urban Initiatives and Wayne Workman, the state's deputy treasurer. They were joined by Dan Wyant, director of the Michigan Department of Environmental Quality, Flint Emergency Manager Jerry Ambrose, Mayor Dayne Walling, state Senate Minority Leader Jim Ananich, state Reps. Sheldon Neeley and Phil Phelps.

Flint was awarded $900,000 to allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity, allowing the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

The city also was awarded $1.1 million to shut down its current Water Pollution Control Facility incinerator and replace it with new facilities which will allow for the disposal of waste in landfills. The existing facilities are not up to federal Environmental Protection Agency standards.

Municipalities are eligible for the grants of they are experiencing one or more conditions indicative of “probable financial stress,” as defined by Public Act 436 of 2012, the Local Financial Stability and Choice Act.

Under the grant program, funding may be used to pay for specific projects, services, or strategies that move a city, village, or township toward financial stability. There was $8 million appropriated for the program with a $2 million cap, per local unit.

##

From: Hollins, Harvey (GOV)
Sent: Wednesday, April 29, 2015 12:14 PM
To: Clayton, Stacie (GOV)
Subject: 20150429_Flint Emergency Management and Water Briefing.docx
Attachments: 20150429_Flint Emergency Management and Water Briefing.docx

USE THIS VERSION for proofing

Flint Emergency Management Briefing

Not Responsive

Not Responsive

- The transition to KWA and maintenance of the aging water distribution infrastructure are important challenges which require significant funding and continued leadership.

Not Responsive

Flint Water Briefing

In November 2012 the Department of Treasury commissioned the firm of Tucker, Young, Jackson & Tull, Inc. (TYJT) to analyze options for the City of Flint to either remain a customer of the Detroit Water & Sewer Department (DWSD) or to join the Karegnondi Water Authority (KWA) in Genesee County. The purpose of this study was to provide objective analyses to the State Treasurer and Flint's Emergency Financial Manager (EFM) in order to secure future potable drinking water for the City.

In December 2012, staff from TYJT met with representatives from the Department of Treasury and the City of Flint to provide a preliminary report on their findings. At this meeting, options presented were: 1) Flint Water Plant will provide 100% water, 2) 100% provision of untreated Lake Huron Water by KWA, 3) 100% provision of treated drinking water by DWSD, or 4) provision of variable amounts of water from DWSD using a combination of blended DWSD water and Flint River water.

The Flint EFM eliminated all options except the 100% DWSD option or joining KWA, deciding later to join KWA.

On April 25, Flint officially ended nearly 50-years of using DWSD to supply water.

The city currently uses the Flint River until the Karegnondi Water Authority pipeline is built, which will bring untreated Lake Huron water to Genesee County. KWA should be operational by winter 2016.

The Flint River water is harder than DWSD. A number of residents are experiencing discoloration and order with the water. In addition there have been a number of citations largely around heighten levels of Total Trihalomethanes (TTHM).

Given water quality concerns, suggestions have been made that the City of Flint should return to using water purchased through the Detroit Water and Sewerage Department (DWSD). For many reasons, financial and otherwise, the City of Flint can ill-afford to switch courses at this point. The estimated cost to go back to the water provided by the DWSD is approximately $1 million per month and the City expects to be using the Karegnondi Water Authority (KWA) Lake Huron water within or before the 1st quarter of 2016.

The City of Flint is proceeding with a series of actions to ensure the continued safety of Flint drinking water is maintained and that issues of discoloration and odor continue to be addressed. Most notably, the installation of a Granulated Active Charcoal filter (GAC) at the Water Treatment Plant is expected to be authorized this week by Emergency Manager Jerry Ambrose.

The introduction of the GAC to the treatment process at Flint's plant will absorb or reduce the chemical precursors which will block or eliminate the formation of TTHM during the filtration process. Engineering and design are underway and installation of the GAC is targeted for completion by mid-July. Cost of this improvement is projected at $1.5 million and will be paid for by the proceeds from the state approved restructuring of the City's Drinking Water Revolving Fund loans.

In addition to the installation of the GAC, the City of Flint is undertaking a number of other improvements to the water system in the coming months, including a water leak detection monitoring, completion of the hydraulic model and subsequent targeted hydrant flushing program, and the replacement of two miles of water main pipe in a critical area of the city. All of these improvements scheduled to occur within the next six months.

From: Muchmore, Dennis (GOV)
Sent: Tuesday, August 25, 2015 11:11 AM
To: Clayton, Stacie (GOV)
Subject: RE: HH/DM & others Re: KWA (Flint Water)

Not Responsive

-----Original Appointment-----
From: Clayton, Stacie (GOV)
Sent: Tuesday, August 25, 2015 10:24 AM
To: Hollins, Harvey (GOV); Muchmore, Dennis (GOV); Workman, Wayne (TREASURY); Saxton, Thomas (Treasury); Dempkowski, Angela (Treasury); Wisniewski, Wendy (GOV)
Subject: HH/DM & others Re: KWA (Flint Water)
When: Wednesday, August 26, 2015 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Governor's Conference Room

Call In:
Access: **PPI**
Harvey will host

Attendees
Dennis Muchmore
Harvey Hollins
Tom Saxton
Wayne Workman -- via phone
Jeff Wright, Genesee Drain Commissioner and Chair of KWA
John O'Brien, Genesee Drain Deputy Commissioner
Dave Jansen, assistant to J. Wright

Agenda Items:
1) Financing of new water system
2) Governing of the new water system
3) Timeline for the build out of KWA

Subject:	Flint Water Press Conference
Location:	Haskell Community Center, 2201 Forest Hills Ave. Flint
Start:	Tue 2/3/2015 3:00 PM
End:	Tue 2/3/2015 4:00 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	Clayton, Stacie (GOV)
Required Attendees:	Hollins, Harvey (GOV)

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, 517-449-8343
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, 517-230-8006
Treasury communications: Terry Stanton, stantont@michigan.gov, 517-830-5807

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.
        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000

Total $900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
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From: Clayton, Stacie (GOV)
Sent: Tuesday, September 29, 2015 6:36 PM
To: Hollins, Harvey (GOV)
Subject: Flint Citizen Advisory Team Update
Attachments: Lead Advisory Release.pdf; GCHD Lead in Water Fact Sheet.pdf

Not sure if you saw this or not.

Stacie
From: Howard Croft [mailto:hcroft@cityofflint.com]
Sent: Monday, September 28, 2015 3:54 PM
To: Aaron Dionne <rangerbronco@charter.net>; Amy Hovey <Amy.Hovey@mail.house.gov>; Brennan Elm Park Senior Community Corporation <brennanseniorcorporation@gmail.com>; Carma Lewis <cllj@hotmail.com>; catherine.sheppard <catherine.sheppard@usace.army.mil>; cbruett <cbruett@genesys.org>; Chris Zuwala <chriszuwala@yahoo.com>; City Of Flint <jfreeman@cityofflint.com>; Clarence Pierce <cpierce@hamiltonchn.org>; Clayton, Stacie (GOV) <claytons3@michigan.gov>; connie.russell <connie.russell@ymail.com>; crmcclinton <crmcclinton@comcast.net>; ctomm <ctomm@fsamich.org>; Diana Phillips <knobhillbnb@gmail.com>; dpmgt <dpmgt@charter.net>; flintfreedom_fund <flintfreedom_fund@comcast.net>; Florlisa Stebbins <fstebb01@baker.edu>; gla <GLA@geneseelandlordassoc.org>; Jack Stock <jstock@kettering.edu>; Jackie Poplar <jpoplar@cityofflint.com>; James Henry <jhenry@gchd.us>; Jamie Gaskin <jgaskin@unitedwaygenesee.org>; Janet Van De Winkle <jvandewinkle@ectinc.com>; Jason Caya <jcaya@reinvestflint.org>; jcurtis <jcurtis@co.genesee.org>; jiking155 <jiking155@gmail.com>; jmanse <jmanse@ccgs.org>; John Waddell <wadd4025@gmail.com>; johnsonreid <johnsonreid@comcast.net>; jwright@co.genesee.mi.us; kboles@valleyaaa.org; Kevin J. Keane <KEVIN.KEANE@cmsenergy.com>; kevin.roach <kevin.roach@whaleychildren.org>; khamlet <khamlet@flintandgenesee.org>; kittle.robert <kittle.robert@gmail.com>; kroddy <kroddy@flintchildrensmuseum.org>; LaMonica Harris <rachelleharris8171@gmail.com>; Laura Sullivan <dr.laura2@gmail.com>; lisa.poma <lisa.poma@mcc.edu>; mcarnevale <mcarnevale@senate.michigan.gov>; mddst <mddst@me.com>; Melissa Mays <melissa@indi-grace.com>; Mike Sargent <mike49@sargentstitle.com>; mmelenbrink <mmelenbrink@flintarts.org>; Montel Menifee <mmenifee@senate.michigan.gov>; nkopek <nkopek@genesys.org>; Norb Birchmeier <nbirchm1@hurleymc.com>; rcarter <rcarter@flintarts.org>; Rebecca Fedewa <rfedewa@flintriver.org>; repphelps@house.mi.gov; revalharris1 <revalharris1@hotmail.com>; rstanley <rstanley@bbbsflint.org>; Russell Hudson <Russell.Hudson@mclaren.org>; sborrego <sborrego@house.mi.gov>; sheldonneeley <sheldonneeley@house.mi.gov>; suptmarshall <suptmarshall@att.net>; Tony Martin <tmartinmba@gmail.com>; William Hammond <whamm511@gmail.com>; Elizabeth Murphy <emurphy@cityofflint.com>
Cc: Michael Glasgow <mglasgow@cityofflint.com>; Brent Wright <bwright@cityofflint.com>; Jason Lorenz <jlorenz@cityofflint.com>; schock.michael@epa.gov; lytle.darren@epa.gov; Prysby, Mike (DEQ) <PRYSBYM@michigan.gov>; Marc Edwards <edwardsm@vt.edu>; Robert Bincsik <rbincsik@cityofflint.com>
Subject: Re: Citizen Advisory Team Update

All,

As a follow up to the previous email I am forwarding a copy of the Lead Advisory that was issued by the City last week along with a "Lead in Water Fact Sheet" from the Health Department.
We will continue to disseminate releases and information through this email list as it becomes available.

Thank you ,

On Mon, Sep 28, 2015 at 11:19 AM, Howard Croft <hcroft@cityofflint.com> wrote:

Dear Citizen Advisory Committee,

It has been some time since our last **citizen** advisory team meeting and we wanted to reach out at this time to those of you who were part of this committee and provide you direct information.

It was encouraging for us to successfully install the recommended Granulated Activated Carbon which led to the City being compliant with the Safe Drinking Water Act but we are now facing questions surrounding the amount of lead that is leaching into drinking water through plumbing and service lines in certain homes. A significant aspect of lead in drinking water is the public education that gives everyone a clear and proper understanding of how this occurs and what are the avenues to reduce the risk.

As we consider when it may be beneficial to reconvene another community meeting, we want to extend to everyone the opportunity to provide input, and to be aware of the latest information.

- Anyone requesting a water test can call 810-787-6537 or email flintwater@cityofflint.com

- Anyone requesting an opportunity to schedule a meeting can email flint@cityofflint.com

- Anyone that wants access to more information can visit the water page of the City website

We are aware that many of you have indicated the desire to no longer participate in this group but we still want to extend the opportunity for you to be involved and have access to information.

Please do not hesitate to email this group or **me directly** if you have any questions

--

Howard Croft
Public Works Director
City of Flint
1101 S. Saginaw Street

Flint, MI 48502
PH# 810.766.7135 Ext.2043
hcroft@cityofflint.com

--
Howard Croft
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Dayne Walling
Mayor

Natasha L. Henderson
City Administrator

Jason Lorenz
Public Information Officer
Office: (810) 237-2039
Cell: PPI
jlorenz@cityofflint.com

For Immediate Release

City of Flint Issues Lead Advisory

Flint, Michigan – September 25, 2015 – The City of Flint is issuing a Lead Advisory for residents to be aware of lead levels in drinking water after hearing concerns from the medical community. While the City is in full compliance with the Federal Safe Drinking Water Act, this information is being shared as part of a public awareness campaign to ensure that everyone takes note that no level of lead is considered safe.

The Genesee County Health Department has issued a fact sheet regarding lead precautions for residents. The fact sheet can be found on their website at www.gchd.us. Here are a few of the suggestions the Health Department recommends:

- Flush your cold-water pipes by running the water for approximately 5 minutes
- Use only water from the cold-water tap for drinking, cooking, and especially for making baby formula.
- Install a water filter that is NSF-certified for lead removal.

Lead contamination can leach into water from a home's lead water service lines, lead solder, and leaded plumbing materials including fixtures, faucets, and fittings. Older service lines with pipes and fixtures installed before 1986 can sometimes be more susceptible to lead issues due to materials used in the home such as lead based paint and lead pipes.

This message is meant as a precaution to residents and does not mean that all homes in the City will experience the same issue. Residents with concerns about lead service lines

and lead in home plumbing fixtures are encouraged to contact the City's Utilities Division to schedule a free water testing by calling the Water Treatment Plant at 810-787-6537 and pressing #1 after prompted or by emailing flintwater@cityofflint.com.

The City of Flint is working proactively along with the County Health Department, the Michigan Department of Environmental Quality, and the U.S. Environmental Protection Agency to improve the water system throughout the City. An accelerated plan to add a corrosion control agent to our water within 30 to 60 days with expedited approval from the Michigan Department of Environmental Quality is already underway. This will reduce corrosion which can cause lead in old pipes to leach into the water.

This plan is in addition to Mayor Walling's letter requesting $30 Million in water infrastructure assistance funding from the State of Michigan. $10 Million of that request would be for the replacement of lead service lines in households to ensure that lead no longer presents a danger to the drinking water of our residents. As the letter states, "It is the City's position that the abatement of lead through the removal of lead containing pipes and fixtures in homes is the best long term solution to keeping our residents' water safe."

Mayor Walling further stated: "I am extremely concerned about the risks around lead with Flint's children and I will be working tirelessly to ensure the water is safe and all of our families have the information they need. I also will continue to pursue funding for infrastructure improvements and a comprehensive healthy homes initiative that addresses lead in paint and pipes. We have to get the lead out of our community to eliminate the threat of childhood lead poisoning."

The City of Flint continues working proactively with the County Health Department, the Michigan Department of Environmental Quality, and the U.S. Environmental Protection Agency to improve the water system throughout the City. The City remains committed to working with all of our partners in the Water Technical Advisory Committee to address all

issues of public health and quality concerns that face the community. Updates on progress made in addressing this issue will be made during regular public meetings including City Council and other scheduled meetings. Information on this and all related matters will continue to be posted on the City of Flint's website, cityofflint.com.

–END–

Genesee County Health Department

Mark Valacak, M.P.H., Health Officer
Gary K. Johnson, M.D., M.P.H., Medical Director

How does lead get into my tap water?

Under typical circumstances, lead will dissolve into the water. The concentration of lead in drinking water can vary greatly, depending on the corrosiveness of the water, the type and age of the plumbing materials and the length of time that the water stands in the pipes. The highest levels of lead occur when very corrosive water stands motionless in lead or lead soldered pipe for long periods of time.

How do I know if my tap water is contaminated with lead?

The only way to know whether your tap water contains lead is to have it tested. You cannot see, taste, or smell lead in drinking water. There are different sampling methods for sampling lead in drinking water. To determine your household risk, it is recommended to take a first draw sample.

Does lead in my tap water cause health effects?

Lead can cause damage to the brain, red blood cells and kidneys. The greatest risk is to young children and pregnant women. Amounts of lead that won't hurt adults can slow down normal mental and physical development of growing bodies. Lead in water can be a special problem for infants, whose diets may be mostly liquids, such as baby formulas or concentrated juices mixed with water. Smaller bodies can absorb lead more rapidly than bigger ones. A child's mental and physical growth can be permanently harmed by too much lead. Risk will vary, depending on the individual, the circumstances, and the amount of water consumed.

What can I do to reduce or eliminate lead in my tap water?

Flush your cold-water pipes by running the water for approximately 5 minutes. The longer the water has been sitting in the pipes, the more lead it may contain. You can fill containers for later use, after the flushing process. Use only water from the cold-water tap for drinking, cooking, and especially for making baby formula. Hot water is likely to contain higher levels because it dissolves more lead.
You may choose to install a water filter that is NSF-certified for lead removal. If a water filter is installed, replace filters at least as often as recommended by the manufacturer.

Buy a lead-free faucet. The legal definition of "lead-free" still allows brass faucets to contain up to 8 percent lead. However, faucets marked with "NSF 61/9" and/or "California Proposition 65" meet stricter limits. Regularly clean particles from faucet aerators.

Is it safe to take a bath or shower, if my water has high lead levels?

Yes. Bathing and showering should be safe for you and your children, even if the water contains lead over EPA's action level. Human skin does not absorb lead in water. This information applies to most situations and to a large majority of the population, but individual circumstances may vary. Some situations, such as cases involving highly corrosive water, may require additional recommendations or more stringent actions.

Who do I contact for more information?

The local water authority is always your first source for testing and identifying lead contamination in your tap water. You can visit the City of Flint Website at www.cityofflint.com or contact the Flint Water Department at 810-787-6537.

WWW.EPA.GOV

WWW.MDEQ.GOV

From: Clayton, Stacie (GOV)
Sent: Wednesday, October 07, 2015 4:26 PM
To: Hollins, Harvey (GOV)
Subject: FW: Flint City Council KWA Vote
Attachments: KWA Contract (amended) 130165.2.pdf; CC Meeting Minutes 3-25-2013 (1).doc

Importance: High

Here is the KWA reso. Brian is checking to see if there was an EM order to pull from the Flint river.

Stacie

From: Brian Larkin [mailto:blarkin@flintandgenesee.org]
Sent: Wednesday, October 07, 2015 4:14 PM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: RE: Flint City Council KWA Vote

Brian Larkin

Director, Core Initiatives

Flint & Genesee Chamber of Commerce
519 S. Saginaw Street • Suite 200 • Flint, MI 48502
(P) 810.600.1406 **PPI** • (F) 810.600.1461
www.FlintandGenesee.org • BLarkin@FlintandGenesee.org

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From: Clayton, Stacie (GOV) [mailto:claytons3@michigan.gov]
Sent: Wednesday, October 07, 2015 4:08 PM
To: Brian Larkin <blarkin@flintandgenesee.org>
Subject: RE: Flint City Council KWA Vote

Thank you, Brian. Please copy me also when you send the actual resolution. Your help is greatly appreciated.

Stacie

From: Brian Larkin [mailto:blarkin@flintandgenesee.org]
Sent: Wednesday, October 07, 2015 3:38 PM

To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: Flint City Council KWA Vote

Still waiting on hearing back from the city to get the original resolution but here are the mlive pieces that covered it from March until July. The meeting when the vote was held was March 25, 2013

March 25th 2013 **Flint council supports buying water from Lake Huron through KWA**
http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_again_delay.html
The Flint City Council voted 7-1 to get 16 million gallons per day from the Karegnondi Water Authority.

7th Ward councilperson Dale Weighill was absent
3rd Ward councilperson Bryant Nolden opposed
The rest were in favor.

March 25th, 2013 **Flint City Council approves resolution to buy water from Karegnondi, state approval still needed**
http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html
Under the proposal, Flint would get 16 million gallons per day of raw water from Lake Huron, pipe it to Flint for treatment and then sell it to customers throughout the City. Another 2 million gallons per day would come from the Flint River and will be treated in Flint. DEQ told the city it needed to get 18 million gallons per day or there would have to be additional work done at Flint's water plant. Flint's water plant and the Flint River is currently the backup for Flint and Genesee County, however, the plant only operates four times per year.

April 12th **State gives Flint OK to join Karegnondi Water Authority project, but Detroit gets to make final offer**

http://www.mlive.com/news/flint/index.ssf/2013/04/state_gives_flint_ok_t.html

The city of Flint has the state's blessing to join in construction of the planned Karegnondi Water Authoritypipeline project once it reviews a final offer from the city of Detroit on Monday, April 15.

April 19th **Governor steps into water war; set to meet with Genesee, Flint, Detroit today**

http://www.mlive.com/news/flint/index.ssf/2013/04/governor_steps_into_water_war.html#incart_river_default

The meeting comes in the same week that the Flint and Genesee County rejected a final offer to continue buying water from Detroit and two days after Detroit gave Flint a notice of termination of its 1965 water contract.

April 19th **Detroit gives notice: It's terminating water contract covering Flint, Genesee County in one year**

http://www.mlive.com/news/flint/index.ssf/2013/04/detroit_gives_notice_its_termi.html

The city of Detroit has given notice that it's terminating a nearly 50-year-old contract for selling water to Flint and the county next year.

July 23rd **Flint River now an option for drinking water following Detroit's termination of contract**

http://www.mlive.com/news/flint/index.ssf/2013/07/city_readying_water_plant_to_t.html

The Flint River was not a viable option to provide drinking water to city residents when the water relationship between Flint and Detroit was stable. But river water might be used temporarily as the city's water supply now that Flint signed an agreement with the Karegnondi Water Authority and will get up to 18 million gallons per day of raw water in 2016 from Lake Huron. The Flint River hadn't been an option, city officials previously said, because upgrades to Flint's water plant would be too expensive, the river didn't provide enough capacity to serve Flint residents' water needs and the Michigan Department of Environmental Quality would not allow it.

Brian Larkin

Director, Core Initiatives

Flint & Genesee Chamber of Commerce
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Resolution: 130165.2

Presented: 3-11-13

Adopted: 3-25-13

AMENDED RESOLUTION TO PURCHASE CAPACITY FROM KAREGNONDI WATER AUTHORITY

BY THE MAYOR:

The Karegnondi Water Authority (KWA) is a governmental consortium of cities and counties in southeastern Michigan that was created to build a water pipeline that will provide water from Lake Huron to interested communities in Sanilac, Lapeer, and Genesee counties. The incorporating bodies that created the KWA are Sanilac County, Lapeer County, Genesee County, the City of Flint, and the City of Lapeer.

The City of Flint is currently in a year to year contract with the City of Detroit for the purchase of water. A study was conducted that projected that staying with Detroit will cost the region $2.1 billion over the next 25 years. In contrast, if the region builds its own pipeline, the projected costs are $1.9 billion over the same period. After the initial 25 year period, the projected costs would be less then 25% of the projected water costs from Detroit.

In order to build the pipeline, the KWA needs commitment from its members regarding the capacity that each member will purchase in the pipeline. The KWA is allowed to withdraw 85 million gallons of water per day. Capacity is available to members in increments of 1 million gallons per day known as units. For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one time fee of $32,300.00. Additionally, the buyer shall pay to the KWA not less then $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount not to exceed $355,300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00 the buyer has a right to cancel the contract.

The purchase of capacity along with the payment of other costs necessary to operate the pipeline gives the member a right to water for sale to its customers. The buyer has a right to resell capacity and water rights. Each party entering into a capacity contract shall also be entitled to appoint additional board members equal to the party's percentage share of the total capacity under contract.

The City of Flint has decided that it is in its long term best interests to enter into a contract with the KWA to purchase SIXTEEN (16) units of capacity, plus TWO (2) units from the Flint River.

IT IS RESOLVED that City officials are authorized to enter into a contract with KWA to purchase SIXTEEN (16) units of capacity, plus TWO (2) units from the Flint River.

IT IS FURTHER RESOLVED that the City Administrator is authorized to provide KWA information needed to administer the contract and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract.

APPROVED AS TO FORM:

Peter M. Bade
Chief Legal Officer

APPROVED AS TO FINANCE:

Gerald Ambrose
Finance Director

APPROVED BY MAYOR:

Dayne Walling
Mayor

APPROVED BY CITY COUNCIL
ON: March 25, 2013

Inez Brown
Clerk, City of Flint

APPROVED BY
CITY COUNCIL
MAR 25 2013

S:\JP\Ordinances and Resos\KWA.03.08.13.doc

City of Flint, Michigan

Third Floor, City Hall
1101 S. Saginaw Street
Flint, Michigan 48502
www.cityofflint.com

Meeting Minutes - Draft

Monday, March 25, 2013

5:33 PM

Agenda amended to include Board of Hospital Managers appointments

Council Chambers

CITY COUNCIL

Scott Kincaid, President, Ward 9
Bryant W. Nolden, Vice President, Ward 3

Claudia Croom, Ward 1 ***Jacqueline Poplar, Ward 2***
Joshua M. Freeman, Ward 4 ***Bernard Lawler, Ward 5***
Sheldon A. Neeley, Ward 6 ***Dale K. Weighill, Ward 7***
Michael J. Sarginson, Ward 8

Inez M. Brown, City Clerk

CALL TO ORDER

President Scott Kincaid called the meeting to order at 5:33 p.m.

ROLL CALL

Councilperson Michael Sarginson arrived at 5:37 p.m.

Present: Councilperson: Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, Kincaid, Councilperson Weighill and Councilperson Croom

PLEDGE OF ALLEGIANCE

Councilperson Sheldon Neeley led the Pledge of Allegiance.

SPECIAL ORDER

130217 Special Order/Information & Discussion/Karegnondi Water Authority (KWA)

A Special Order as requested by Council President Scott Kincaid to continue discussion and review of information on the Karegnondi Water Authority (KWA).

Presented

PETITIONS AND UNOFFICIAL COMMUNICATIONS

130193 Change to Digital/All Limited Basic Service Channels/Comcast Cablevision

Communication dated March 6, 2013, from Gerald W. Smith, Government Affairs Manager, Comcast, to Flint City Clerk, re: On or shortly after April 9, 2013, Comcast will convert all Limited Basic service channels -- including Public, Government and Educational Access (PEG) channels to digital format, and will provide customers with digital equipment.

This matter was Placed on File. The motion carried.

130199 Certified Letter/Loyst Fletcher, Jr. & Associates

Communication received from Loyst Fletcher, Jr. to Chief Legal Officer, re: He questions the tax-exempt status of Word of Life Christian Church, which received a tax bill from the city.

This matter was Placed on File. The motion carried.

130200 Local Approval Notice/Michigan Liquor Control Commission (MLCC)/Time Square/Ward 3

Local Approval Notice dated March 14, 2013, from MLCC to Flint City Clerk, re: The MLCC has received a request to transfer all stock in 2012 Class C license with Sunday Sales Permit (PM) and Dance Permit, located at 4522 N. Saginaw,

Flint, Michigan, 48505, Genesee County, held by the estate of Myra Seals, Inc., 1028 Cora Dr., Flint, MI 48532, to Carisa Mays Bishop, Personal Representative. [NOTE: Approval order enclosed.]

This matter was Placed on File. The motion carried.

130202 Local Approval Notice/Michigan Liquor Control Commission (MLCC)/D & R Market, Inc./Ward 6

Local Approval Notice dated March 6, 2013, and received March 15, 2013, from MLCC to Flint City Clerk, re: The MLCC has received an application from 2 AAR, LLC, requesting to Transfer Ownership of a Specially Designated Distributor (SDD) and Specially Designated Merchant (SDM) licensed business with Sunday Sales permit (PM) and Direct Connection-I to D & R Market, Inc., located at 1402-1404 N. Chevrolet, Flint, Michigan, 48504, Genesee County, from 2 AAR, LLC, 3079 Shattuck Arms Blvd., Apt. 5, Saginaw, MI 48603. [NOTE: The application was cancelled pursuant to a request from an attorney.]

This matter was Placed on File. The motion carried.

130204 Changes/Cable Channel Lineup/Comcast Cablevision

Communication dated March 18, 2013, from Gerald W. Smith, Government Affairs Manager, Comcast, to Flint City Clerk, re: effective on or about May 22, 2013, Fox Business Network/Fox Business Network HD (ch. 06/243) will from the Digital Preferred Service to the Digital Starter Service.

This matter was Placed on File. The motion carried.

130205 Media Alert/Flint Public Art Project/Announcement of Design Winner

Media Alert received via e-mail on March 19, 2013, from the American Institute of Architects (AIA), re: The Flint Public Art Project and the Flint Chapter of the AIA will announce the winner of the $25,000.00 grand prize in the inaugural Flat Lot competition to design and build a temporary summer pavilion on Flint's central downtown parking lot at 9:30 a.m. Thursday, March 21, 2013, at the John Gazall & Associates, Mott Building, 503 S. Saginaw Street, Flint.

This matter was Placed on File. The motion carried.

130207 Damage Claims

MAYFIELD, LINDA, 2518 Walter Street, Flint, MI (WARD 2)
LANE, WILLIE C., 3130 Concord Street, Flint, MI (WARD 6)

This matter was Placed on File. The motion carried.

COMMUNICATIONS FROM CITY OFFICIALS

130194 Press Release/City of Flint/Hiring of New Police Officers/Recruitment of Others

Press Release dated March 11, 2013, from Jason Lorenz, City of Flint Public

Information Officer, re: The City of Flint has seven new police officers on the job from the public safety millage passed last November by voters. The city's next step is to hold a recruitment drive by working with a local college, which will set up a Police Academy when the city has gathered sufficient interest from its efforts.

This matter was Placed on File. The motion carried.

130195 Press Release/City of Flint/Sunday Sales of Alcohol Before Noon Not Permitted on St. Patrick's Day

Press Release dated March 12, 2013, from Jason Lorenz, City of Flint Public Information Officer, re: The City of Flint will not be able to permit Sunday alcohol sales before noon this Sunday, March 17, St. Patrick's Day. While the city adopted a resolution to allow a one-time exception to the Sunday morning alcohol ban, the Michigan Liquor Control Commission has taken the position that the city cannot create a one-day exemption.

This matter was Placed on File. The motion carried.

130196 Flint City Council/Public Notice/Special City Council Meeting/March 18, 2013

Public Notice posted March 14, 2013, re: The Flint City Council will hold a Special City Council Meeting, followed by a Finance Committee Meeting, at 5:30 p.m. Monday, March 18, 2013, in the City Council Chambers, 3rd Floor, City Hall, to consider a contract with the Karegnondi Water Authority (KWA).

This matter was Placed on File. The motion carried.

130201 Emergency Financial Manager (EFM) Order #10/Grant Applications

Order #10 issued by Emergency Financial Manager on March 15, 2013, "Grant Applications," re: "all city officials, department heads, division heads and employees shall adhere to ...requirements regarding the approval of any and all grant applications on behalf of the City of Flint or grant applications submitted by others which in any way involves the financial, programmatic or personnel support by the City of Flint." The five requirements, including the stipulation that only the Emergency Financial Manager or City Administrator are authorized to accept grants on behalf of the city, are included in the order.

This matter was Placed on File. The motion carried.

130203 Press Release/City of Flint/Flint Lifelines/Meeting Announcement

Press Release dated March 16, 2013, from Jason Lorenz, City of Flint Public Information Officer, re: Flint Lifelines, formerly CeaseFire Flint, will hold community meetings on the fourth Thursday of each month, beginning at 1 p.m. Thursday, March 28, 2013 at Flint Northwestern High School. The meetings are open to the public.

This matter was Placed on File. The motion carried.

130206 Flint City Council/Public Notice/Finance Committee Meeting/March 20, 2013

Public Notice posted March 19, 2013, re: The Flint City Council will hold a Finance Committee Meeting at 5:30 p.m. Wednesday, March 20, 2013, in the City Council Committee Room, 3rd Floor, City Hall.

This matter was Placed on File. The motion carried.

130208 Flint City Council/Public Notice/Special Affairs Committee Meeting/March 25, 2013

Public Notice posted March 22, 2013, re: The Flint City Council will hold a Special Affairs Committee Meeting at 5 p.m. Monday, March 25, 2013, in the City Council Committee Room, 3rd Floor, City Hall. A regular City Council meeting will immediately follow in the Council Chambers.

This matter was Placed on File. The motion carried.

130209 Traffic Engineering/Note for Bulletin/Street-Sidewalk-Lane Closures

Notes for Bulletin (3) dated February/March 2013, for street, sidewalk, or lane closures, re: (1) Harrison Street, Saginaw Street and Second Avenue (cable failure-March 11-March 20); (2) First Street, Harrison Street, Wallenberg, Kearsley, Crapo, Horrigan, and Harrison (St. Patrick's Day Pot O' Gold 4-Mil Run/Walk-March 17); and (3) Chevrolet Avenue (University Corner Grand Opening-March 22).

This matter was Placed on File. The motion carried.

Passed The Consent Agenda

A motion was made. The motion carried.

PUBLIC SPEAKERS

ROLL CALL

Councilperson Dale Weighill left at approximately 7 p.m.

Present: Councilperson: Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, Kincaid and Councilperson Croom

Absent: Councilperson: Councilperson Weighill

APPOINTMENTS

130169.1 Amendment/Reappointment/Zoning Board of Appeals/Christine Monk (Ward 6)

Amended resolution resolving that the Flint City Council recommends the reappointment of Christine Monk (821 Frank Street, Flint MI 48504 - Ward 6), to the Zoning Board of Appeals for a three-year term, commencing September

1, 2011, and expiring September 1, 2014. [By way of background, Ms. Monk's term on the Zoning Board of Appeals expired in September 2011, but she has continued since that time to serve.] [Resolution amended to fix typographical error in first paragraph of resolution from "Board of Review" to "Zoning Board of Appeals."]

Sponsors: Sheldon A. Neeley

A motion was made by Councilperson Neeley, seconded by Councilperson Freeman, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130211 Appointment/Zoning Board of Appeals/Chris Zuwala (Ward 4)

Resolution resolving that the Flint City Council recommends the appointment of Chris Zuwala (3510 Whittier Avenue, Flint MI 48506 - Ward 4) to the Zoning Board of Appeals for a three-year term, expiring September 1, 2013. [NOTE: By way of background, Gloria Kelly's term as the 4th Ward representative expired in September 2007, but she continued to serve until resigning in January 2013.]

Sponsors: Joshua M. Freeman

A motion was made by Councilperson Freeman, seconded by Councilperson Poplar, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130212 Reappointment/Zoning Board of Appeals/Birdie V. Brooks (Ward 5)

Resolution resolving that the Flint City Council recommends the reappointment of Birdie V. Brooks (1307 Columbia Lane, Flint MI 48503 - Ward 5), to the Zoning Board of Appeals for the remainder of a three-year term, expiring September 1, 2014. [By way of background, Ms. Brook's term on the Zoning Board of Appeals expired in September 2011, but she has continued since that time to serve.]

Sponsors: Bernard Lawler

A motion was made by Councilperson Lawler, seconded by Councilperson Neeley, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130213

Resolution resolving that the Flint City Council recommends the reappointment of Marcia Braden (984 Barney Avenue, Flint MI 48503 - Ward 8), to the Zoning Board of Appeals for the remainder of a three-year term, expiring September 1, 2014. [By way of background, Ms. Braden's term on the Zoning Board of Appeals expired in September 2011, but she has continued since that time to serve.]

Sponsors: Michael J. Sarginson

A motion was made by Councilperson Sarginson, seconded by Councilperson Freeman, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130214 Reappointment/Zoning Board of Appeals/David C. Veasley (Ward 9)

Resolution resolving that the Flint City Council recommends the reappointment of David C. Veasley (2618 Pinetree Drive, Flint MI 48507 - Ward 9), to the Zoning Board of Appeals for the remainder of a three-year term, expiring September 1, 2015. [By way of background, Mr. Veasley's term on the Zoning Board of Appeals expired in September 2009, but he has continued since that time to serve.]

Sponsors: Scott Kincaid

A motion was made by Councilperson Freeman, seconded by Vice President Nolden, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130215 Appointment/Genesee County Land Bank Citizens' Advisory Council/Anthony Tucker (Ward 4)

Resolution resolving that the Flint City Council recommends the appointment of Anthony Tucker (2960 Henry Street, Flint MI 48506 - Ward 4) to the Genesee County Land Bank Citizens' Advisory Council for the remainder of a three-year term, expiring in January 2016. [NOTE: By way of background, Dan Anderson's term as the 4th Ward representative expired in January 2013.]

Sponsors: Joshua M. Freeman

A motion was made by Councilperson Freeman, seconded by Councilperson Poplar, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130218 Reappointment/Hurley Board of Hospital Managers/Philip W. Shaltz

Resolution resolving that the Flint City Council approves the reappointment of Philip W. Shaltz (14144 Moffet Drive, Fenton, MI 48430) to an additional five-year term on the (Hurley) Board of Hospital Managers, with such term to commence May 1, 2013, and expire April 30, 2018.

A motion was made by Councilperson Freeman, seconded by Vice President Nolden, that this matter be Approved. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130219 Appointment/Hurley Board of Hospital Managers/Delrico Loyd

Resolution resolving that the Flint City Council approves the appointment of Delrico Loyd (2641 Westwood Parkway, Flint, MI 48507) to a five-year term on the (Hurley) Board of Hospital Managers, with such term to commence May 1, 2013, and expire April 30, 2018. [By way of background, Carl E. Mason was appointed in June 2008; his term expires April 30, 2013.]

Approved

Substituted

A motion was made by Councilperson Neeley, seconded by Councilperson Lawler, that this matter be POSTPONED for March 27, 2013. The motion failed by the following vote:

Aye: 3 - Councilperson Lawler, Councilperson Neeley and Councilperson Sarginson

No: 5 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

Substituted

A motion was made by Vice President Nolden, seconded by Councilperson Freeman, that this matter be Approved. The motion carried by the following vote:

Aye: 5 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, President Kincaid and Councilperson Croom

No: 3 - Councilperson Lawler, Councilperson Neeley and Councilperson Sarginson

Absent: 1 - Councilperson Weighill

130220 Appointment/Hurley Board of Hospital Managers/Donna Poplar

Resolution resolving that the Flint City Council approves the appointment of Donna Poplar (5277 Kimberly Woods Circle, Flint, MI 48504) to a five-year term

on the (Hurley) Board of Hospital Managers, with such term to commence May 1, 2013, and expire April 30, 2018. [By way of background, Frances Gilcreast was appointed in August 2008; her term expires April 30, 2013.]

Approved

Substituted

A motion was made by Councilperson Lawler, seconded by Councilperson Neeley, that this matter be POSTPONED for March 26, 2013. The motion carried by the following vote:

Aye: 7 - Councilperson Poplar, Vice President Nolden, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

No: 1 - Councilperson Freeman

Absent: 1 - Councilperson Weighill

RESOLUTIONS

130165.1 Amended Resolution/Contract/City of Flint/Karegnondi Water Authority (KWA)

Amended resolution resolving that city officials are authorized to enter into a contract with Karegnondi Water Authority (KWA) to purchase fifteen (15) units of capacity, AND, resolving that the City Administrator is authorized to provide KWA information needed to administer the contract, and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract. [NOTE: For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one-time fee of $32,300. Additionally, the buyer shall pay to the KWA not less than $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount NOT-TO-EXCEED $355,300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00, the buyer has a right to cancel the contract. Over the next 25 years, it is expected that continuing with Detroit will cost the region $2.1 billion, compared to $1.9 billion with a pipeline.] [NOTE: Contract not included.] [NOTE: Resolution amended from 18 to 15 units of capacity.]

A motion was made by Councilperson Neeley, seconded by Councilperson Freeman, that this matter be Amended. The motion carried by the following vote:

Aye: 5 - Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley and Councilperson Sarginson

No: 3 - Councilperson Poplar, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130165.2 Amended Resolution/Contract/City of Flint/Karegnondi Water Authority (KWA)

Amended resolution resolving that city officials are authorized to enter into a contract with Karegnondi Water Authority (KWA) to purchase sixteen (16) units

of capacity, AND, resolving that the City Administrator is authorized to provide KWA information needed to administer the contract, and, with approval of the Chief Legal Officer, to make minor (non-material) modifications to the contract. [NOTE: For each unit of capacity that a member purchases, the buyer shall pay to the KWA a one-time fee of $32,300. Additionally, the buyer shall pay to the KWA not less than $32,300.00 per unit per year until such time as water is made available to the buyer. After water is made available, the buyer shall pay to the KWA an estimated amount NOT-TO-EXCEED $355,300.00 per unit per year until such time that the bonds are paid in full. If it is determined that the costs per unit will exceed $355,300.00, the buyer has a right to cancel the contract. Over the next 25 years, it is expected that continuing with Detroit will cost the region $2.1 billion, compared to $1.9 billion with a pipeline.] [NOTE: Contract not included.] [NOTE: Resolution amended from 15 to 16 units of capacity.]

A motion was made by Councilperson Neeley, seconded by Councilperson Freeman, that this matter be Adopted. The motion carried by the following vote:

Aye: 7 - Councilperson Poplar, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

No: 1 - Vice President Nolden

Absent: 1 - Councilperson Weighill

130216 Approval/The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint

Resolution that the City of Flint hereby approves and The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint, attached hereto. [NOTE: The City of Flint created the DDA, in accordance with Public Act 197 of 1975, as amended, and approved The Rules Governing the DDA in 1977. Public Act 197 has been amended and revised at various times since then, which required the proposed changes.] [NOTE: The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint is attached.]

A motion was made by Councilperson Freeman, seconded by Vice President Nolden, that this matter be Amended. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

130216.1 Amended Resolution/Approval/The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint

Amended resolution that the City of Flint hereby approves and The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint, attached hereto. [NOTE: The City of Flint created the DDA, in accordance with Public Act 197 of 1975, as amended, and approved The Rules Governing the DDA in 1977. Public Act 197 has been

amended and revised at various times since then, which required the proposed changes.] [NOTE: The First Amendment & Restated Rules Governing the Downtown Development Authority (DDA) of the City of Flint is attached.] [Resolution amended for changes to rules.]

A motion was made by Councilperson Freeman, seconded by Vice President Nolden, that this matter be Adopted. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

RESOLUTIONS - MAY BE REFERRED FROM S.A.

130210 Resolution/City Council/Mayor Dayne Walling/Request for Appointment of Transition Advisory Board

Resolution resolving that Mayor Dayne Walling and the Flint City Council request and recommend to Gov. Rick Snyder that a receivership transition advisory board be appointed for the City of Flint under Public Act 436 no later than July 1, 2013. [NOTE: On December 1, 2011, Gov. Snyder appointed Michael K. Brown as Emergency Manager under Public Act 4 for the City of Flint, due in part to a consistent deficit in the general fund, the decline in pooled cash, budget issues and unfunded liabilities for post-employment benefits. Due to the suspension and subsequent repeal of Public Act 4, Gov. Snyder appointed Edward J. Kurtz as Emergency Financial Manager under Public Act 72 for the City of Flint, effective August 9, 2012. Both the Emergency Manager and the subsequently appointed Emergency Financial Manager were authorized by virtue of their appointment to "act for and in the place and stead of the governing body and the office of chief administrative officer of the City of Flint." On March 28, 2013, Public Act 436 will become effective and provides that an emergency financial manager appointed and serving under state law immediately prior to the effective date shall continue to serve as an emergency manager under Public Act 436. As an alternative to continuation of an emergency manager, and if the financial emergency has been rectified, Public Act 436 authorizes the governor to appoint a receivership transition advisory board, which serves at the pleasure of the governor and monitors the affairs of the local government until the receivership is terminated.]

No vote was taken on this amendment.

Amended

130210.1 Amended Resolution/City Council/Mayor Dayne Walling/Request for Appointment of Transition Advisory Board

Amended resolution resolving that Mayor Dayne Walling and the Flint City Council request and recommend to Gov. Rick Snyder that a receivership transition advisory board be appointed for the City of Flint under Public Act 436 no later than July 1, 2013. [NOTE: On December 1, 2011, Gov. Snyder appointed Michael K. Brown as Emergency Manager under Public Act 4 for the

City of Flint, due in part to a consistent deficit in the general fund, the decline in pooled cash, budget issues and unfunded liabilities for post-employment benefits. Due to the suspension and subsequent repeal of Public Act 4, Gov. Snyder appointed Edward J. Kurtz as Emergency Financial Manager under Public Act 72 for the City of Flint, effective August 9, 2012. Both the Emergency Manager and the subsequently appointed Emergency Financial Manager were authorized by virtue of their appointment to "act for and in the place and stead of the governing body and the office of chief administrative officer of the City of Flint." On March 28, 2013, Public Act 436 will become effective and provides that an emergency financial manager appointed and serving under state law immediately prior to the effective date shall continue to serve as an emergency manager under Public Act 436. As an alternative to continuation of an emergency manager, and if the financial emergency has been rectified, Public Act 436 authorizes the governor to appoint a receivership transition advisory board, which serves at the pleasure of the governor and monitors the affairs of the local government until the receivership is terminated.] [Six-page resolution amended for changes proposed by City Council, City Clerk and Mayor Dayne Walling.]

A motion was made by Councilperson Freeman, seconded by Councilperson Poplar, that this matter be Adopted. The motion carried by the following vote:

Aye: 8 - Councilperson Poplar, Vice President Nolden, Councilperson Freeman, Councilperson Lawler, Councilperson Neeley, Councilperson Sarginson, President Kincaid and Councilperson Croom

Absent: 1 - Councilperson Weighill

MEETING SCHEDULE

ADDITIONAL COUNCIL DISCUSSION

ADJOURNMENT

Having no further business, Council President Scott Kincaid adjourned the meeting at 8:59 p.m.

Respectfully transcribed and submitted,

Janell Johnson. Administrative Secretary to City Council

From: Clayton, Stacie (GOV)
Sent: Thursday, November 05, 2015 10:33 AM
To: Hollins, Harvey (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: New EPA Warning about Flint Water

You are probably already aware, but just in case…

http://www.detroitnews.com/story/news/local/michigan/2015/11/05/flint-water/75205332/

Stacie

From: Clayton, Stacie (GOV)
Sent: Monday, November 16, 2015 3:38 PM
To: Sweeney, Matthew (DTMB)
Cc: Hollins, Harvey (GOV)
Subject: RE: Flint office of Urban and Metropolitan Initiatives

Hi Matt,

I'm not sure how much detail you need so please let me know if I need to expound on anything. While we may not have specific "projects" in Flint right now, our office has played a vital role in:

1) The Water Issue
    a. Harvey Hollins has been point on interfacing with Flint residents, clergy and stakeholders

Not Responsive

Stacie
313.456.4994 (office)
claytons3@michigan.gov

From: Sweeney, Matthew (DTMB)
Sent: Monday, November 16, 2015 10:28 AM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: RE: Flint office of Urban and Metropolitan Initiatives

Not Responsive

From: Clayton, Stacie (GOV) [mailto:claytons3@michigan.gov]
Sent: Monday, November 16, 2015 8:59 AM
To: Sweeney, Matthew (DTMB)
Subject: RE: Flint office of Urban and Metropolitan Initiatives

Not Responsive

Stacie
313.456.4994 (office)
claytons3@michigan.gov

From: Sweeney, Matthew (DTMB)
Sent: Friday, November 13, 2015 7:17 AM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: Re: Flint office of Urban and Metropolitan Initiatives

Not Responsive

On: 12 November 2015 21:57, "Clayton, Stacie (GOV)" <claytons3@michigan.gov> wrote:

Not Responsive

Stacie Clayton
Sent from my iPhone

On Nov 12, 2015, at 5:09 PM, Sweeney, Matthew (DTMB) <SweeneyM1@michigan.gov> wrote:

Not Responsive

From: Steven Peruski [mailto:SPeruski@house.mi.gov]
Sent: Thursday, November 12, 2015 3:41 PM
To: Sweeney, Matthew (DTMB)
Subject: Flint office of Urban and Metropolitan Initiatives

Not Responsive

Steven Peruski
Chief of Staff
Representative Pam Faris
517-373-7557

<Michigan FY 2013-14 Urban Agenda Projects.pdf>

From: Clayton, Stacie (GOV)
Sent: Tuesday, November 17, 2015 4:04 PM
To: Sweeney, Matthew (DTMB)
Cc: Hollins, Harvey (GOV)
Subject: RE: Flint office of Urban and Metropolitan Initiatives

Thank you, Matt. Please let us know if you receive any follow up from her office. We appreciate your assistance with this.

Stacie

From: Sweeney, Matthew (DTMB)
Sent: Tuesday, November 17, 2015 10:12 AM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: FW: Flint office of Urban and Metropolitan Initiatives

Just so you are aware of what was shared with Rep. Faris' office.

Thanks again for compiling this info.

From: Sweeney, Matthew (DTMB)
Sent: Tuesday, November 17, 2015 10:11 AM
To: 'Steven Peruski'
Subject: RE: Flint office of Urban and Metropolitan Initiatives

Hi Steve. I asked the OUMI for an update on some of their recent efforts in Flint. Below are some highlights:

1) Flint water issue: OUMI Director Harvey Hollins has served as a communications link between residents, clergy, and other stakeholders and State agencies.

Not Responsive

From: Steven Peruski [mailto:SPeruski@house.mi.gov]
Sent: Thursday, November 12, 2015 3:41 PM
To: Sweeney, Matthew (DTMB)
Subject: Flint office of Urban and Metropolitan Initiatives

Not Responsive

Steven Peruski
Chief of Staff
Representative Pam Faris
517-373-7557

From: Clayton, Stacie (GOV)
Sent: Tuesday, December 15, 2015 3:08 PM
To: Hollins, Harvey (GOV); Murray, David (GOV)
Subject: Flint Water Article from Washington Post

The title is a bit over the top:

https://www.washingtonpost.com/news/morning-mix/wp/2015/12/15/toxic-water-soaring-lead-levels-in-childrens-blood-create-state-of-emergency-in-flint-mich/

Stacie

From: Clayton, Stacie (GOV)
Sent: Thursday, December 17, 2015 6:29 PM
To: Hollins, Harvey (GOV)
Subject: When did state know kids in Flint were lead poisoned?

http://www.freep.com/story/opinion/columnists/nancy-kaffer/2015/12/17/flint-water-lead/77365380/

Stacie Clayton
Sent from my iPhone

From: Clayton, Stacie (GOV)
Sent: Thursday, December 17, 2015 6:33 PM
To: Haan, Andrew (GOV); Armstrong, Anne (GOV); Hollins, Harvey (GOV)
Subject: Harvey Hollins tapped to lead Flint water effort

http://www.freep.com/story/news/local/michigan/2015/12/17/flint-water-coordinator/77474574/

Stacie Clayton
Sent from my iPhone

From: Clayton, Stacie (GOV)
Sent: Wednesday, December 23, 2015 8:51 AM
To: Hollins, Harvey (GOV)
Subject: Editorial: Hasten help to Flint

http://www.detroitnews.com/story/opinion/editorials/2015/12/22/editorial-hasten-help-flint/77778316/

Stacie Clayton
Sent from my iPhone

From: Clayton, Stacie (GOV)
Sent: Thursday, December 24, 2015 9:36 AM
To: Hollins, Harvey (GOV)
Subject: State's handling of Flint water samples led to delay in action

http://www.freep.com/story/news/politics/2015/12/23/states-handling-flint-water-samples-delayed-action/77367872/

Stacie Clayton
Sent from my iPhone

From: Lasher, Geralyn (DHHS)
Sent: Tuesday, November 24, 2015 2:20 PM
To: chris@environmentalcouncil.org; ksikkema@pscinc.com; reynolds@mottchc.org; Mattdav@med.umich.edu; erothste@grg-ltd.com
Cc: Lyon, Nick (DHHS); Becker, Timothy (DHHS); Grijalva, Nancy (DHHS); Granger, Patricia (DHHS); Baird, Richard (GOV); Weber, Travis (GOV)
Subject: Follow up items
Attachments: MDHHS Flint Action Plan 11-24-15.docx; Considerations for Use of the ICS (3).docx; Gov Task Force on Flint Water Follow Up Lead Abatement.docx

On behalf of Michigan Department of Health and Human Services Director Nick Lyon, we would like to provide documents providing additional information to questions asked of the department last week in our conversation with the Task Force.

Attached you will find:

--A detailed MDHHS Action Plan on Flint Water Public Health

--An overview provided by our Bureau of EMS, Trauma and Preparedness giving further detail on considerations for use of the Incident Command System or Community Health Emergency Coordination Center (CHECC)

--Answers to the lead abatement questions posed to the department from the Task Force.

Please let us know if you have any additional questions or are in need of additional information.

Thank you,
Geralyn

Geralyn Anne Lasher
Senior Deputy Director for External Relations and Communications
Michigan Department of Health and Human Services
201 Townsend Street, Capitol View Building
Lansing Michigan 48913
P: (517) 241-2112
C: PPI
LasherG@michigan.gov
@glasher

Flint Water Public Health Response: MDHHS Action Plan

Update 11-24-15

TASK	STATUS	ACTION	DATE COMPLETED
Filter Distribution	Residents may continue to obtain filters from Genesee County Community Action Resource Department (GCCARD) (both sites 9-4PM) and MDHHS clients can continue to obtain filters at the two MDHHS office locations or the GCCARD sites.	Since 10/6, 11,355 MDHHS purchased water filters and 200 water pitchers have been distributed.	**Ongoing**
Filter Replacement Distribution	The procedure is in place for replacement cartridge distribution including an abbreviated application for residents to apply for and obtain cartridge replacement. Cartridge replacement will occur at same locations as filter sites. DHHS is also placing an order for 750 replacement filters for the 8-cup Zerowater filters. 9000 Brita replacement filters on hand with an additional 10,000 readily available when needed. Total available= 19,000	1,418 MDHHS purchased replacement water filters have been distributed.	**Ongoing**
	MDHHS is currently coordinating with GCCARD on publicity for distribution of the replacement filters. United Way will provide Pur Filter Replacements. United Way will also be purchasing filter units for school water fountains. Press release planned Monday 11/2 re: pick up of replacement filters, videos to be posted on websites and you tube.	Jen Eisner will work with Hilda McShane	**Completed** 11/2
	United Way requested that MDHHS purchase Pur filter replacements. GCCARD requests that no more bottled water be donated. They have plenty in stock. Cash is preferred. City of Flint set up distribution point in City Administration office building. Genesee County Health Department (GCHD) will be providing City of Flint with Pur Filters. The Brita filter requires a form for MDHHS be filled out; there are some concerns that undocumented members of population will avoid Brita filters for this reason.	**No action indicated.**	
Public Education Proper Filter Use	When used improperly, the filters will exceed their capacity limit in a much shorter time frame thereby increasing need for filter replacement much sooner than expected. Develop NEW public education material about proper use of cartridge AND how to obtain filter replacement cartridges, targeted for release week of October 26 during lead awareness week.		**Completed**

TASK	STATUS	ACTION	DATE COMPLETED
	Request made for written instructions on filter cartridge replacements for nurse case managers to take on home visits. Wes is working to complete a packet for nurse case managers which will include information on filters.		**Completed**
	Video created by MDHHS with Home Depot demonstrating replacement of the Brita replacement filter. DEQ receiving questions about meters on the water filter pitchers delivered to the schools which are likely Zerowater Filters.	The video added to the gov/flintwater website.	**Completed 11/2**
	Video will be added to nurse training—Childhood Lead Poisoning Prevention Program (CLPPP).		**Completed 11-10**
Lead Testing Protocol:	Draft protocol has been completed, undergoing final review. Protocol calls for testing: Priority groups- • Confirmatory venous testing for children who had venous testing (115 children) • Children in day care, Head Start • children attending 3 schools (Freeman, Eisenhower, Brownell) • Children residing in high risk zip codes (03, 04) • All other students Protocol will be announced in a joint MDHHS/GCHD Press release.		**Completed 10-28**
Blood Lead Testing: 9/28/15-10/23/15	CLPPP processed 580 tests from Flint zip codes since 9-28-15; 5 children were reported with elevated lead blood levels. There approximately 200 children that have been identified for follow-up.	MDHHS has arranged a contract with the GCHD to provide nurses for the follow-up.	**Contract completed in E-grams as of 10-23**
	Cross reference list of children with elevated lead levels with filter distribution data to ensure household has a filter. (Peeler/Scott) So far only about 20% of approximately 200 children with EBL are known to have received a filter. GCHD will deliver filters to these homes as they are doing the case follow-up. GCHD will provide weekly updates.	Send list to Kris S (done)	In process
	A group will develop reporting metrics and system to track same: Linda Dykema, Wes Priem, Michele Bruneau, Bob Scott and group met to discuss metrics. Plan to produce first detailed report for internal review the week of Nov. 9th. Additional work on the numbers was required to ensure accuracy. A simplified version for external dissemination will be released after internal review.	**Completed**	**Completed**

TASK	STATUS	ACTION	DATE COMPLETED
	Linda Dykema is working on an analysis of blood lead tests done since 9-28-25. Epi will assist with this analysis. Still fine-tuning the report.		
	Draft press release, talking points and BLL report (for period 10/1/15-11/13/15) in progress.		**Pending**
	Reach out to Medical Services Administration of MDHHS to discuss maximum effort to promote blood lead testing of children 0-6	MDHHS developing strategy to reach out to Medicaid health plans.	Sue Moran, Chris Priest and Kathy Stiffler working on this currently.
Parent education	Parent education material completed. Discuss dissemination of parent material through Flint schools.	Call with Flint school superintendent, GCHD, and MDHHS scheduled 10-26-15 to discuss dissemination process.	**Completed**
	Schools require 6000+ information packets for distribution to all students. Print order sent to DTMB. Hardcopy will be distributed to GCHD for issuing to the schools, and to Headstart, daycare, and other agencies in Flint with children ages 0-5. Mark will drop off hard copies at GCHD. Toni LaRocco will take the lead in distribution of the materials to the schools and other agencies.	MDHHS Geralyn Lasher arranged for printing.	**Completed**. 10/30 printing completed and Mark dropped off 6,000 copies at the Flint School Admin. Building, and 2,500 to health dept. Remainder dropped off on 11/2.
	Ensure legislators receive material in advance	Elizabeth Hertel coordinate legislator notification	**Completed**

TASK	STATUS	ACTION	DATE COMPLETED
Provider Education	Provider Education material completed. Communication to providers will occur through GCHD and MDHHS networks (GCMS, GCARD, hospitals, etc).MDHHS will distribute through the Medicaid Health Plans. Hurley providers received the packet and the remainder of providers will receive the information next week.	Mark Valacek Wells/Peeler Electronic dist. through various listservs.	**Completed** 10/30 **Completed** 11/2
	A webinar for health care providers will be held in early December to discuss the Lead issue, blood lead testing, Ready to Feed Formula, and answer any questions. It will be co-sponsored by the GCHD medical director.		
Community public education and testing event	McLaren Health Plan in conjunction with GCHD hosted a public testing and awareness event on November 5 at the Burton GCHD site. 40 children were tested. McLaren will have providers on site to perform testing for their members; GCHD onsite to perform testing for all others. Event will also include Medicaid application assistance. Tony Larocco (GCHD) has contacted Molina and Meridian Health Plan regarding sponsorship of community testing and awareness event. Molina and Meridian Health Plan testing dates to be determined. GCHD will be at a community event on Nov. 12, from 2 PM to 7 PM, to focus on testing for children 0-5. (Brownell and Holmes Schools)> Another testing event was held at Brownell School on 11/12. Many organizations were present to provide information and services. 27 children were tested, 60 filters distributed. **There was only one EBL result from the Brownell clinic (5.5 ppb that will be reported out as a 6.0; McLaren results are not available yet.) Flint schools superintendent is interested in having another event.**	Dr. Forschee has been contacted. Tony contacted Molina and there is interest in a future testing event.	**Pending**
	There will be a combination school testing/townhall/education event, sponsored by Rep. Neeley, on Nov. 2nd. A telephonic townhall is slated for Oct. 28 by Rep. Neely. Gongwer reported that 4,000 people participated in this call.	FYI	**Completed**
Public Education Materials	Mark Johnson, is the regional representative for ASTDR and CDC. He has been designated as contact. A call was held with ATSRDR on 11/13 to discuss how to improve outreach efforts to the Flint community about lead hazards. It was suggested that state/county consider lowering the readability level of the lead materials for the public to 3rd or 4th grade	CLPPP and GCHD staff will review documents and work with the communication	**Pending**

TASK	STATUS	ACTION	DATE COMPLETED
	reading level. **A workgroup is currently reviewing the documents for needed changes. Jim Henry contacted Dr. Suzanne Selig (UMichigan-Flint School of Public Health) who will seek community feedback on the materials that have been developed**. **After readability changes, some of the materials will be translated into Spanish and Arabic.**	office on any changes.	
Environmental Investigation	MDHHS requested a $275,000 contract with ETC on Oct. 21st, 2015. About 275 EBL investigations are budgeted for Flint. Wes Priem will work with GCHD to coordinate with Flint Housing/other authorities to deal with recalcitrant landlords. MDHHS Division of Environmental Health (DEH) meeting on 11/5 with MDEQ staff to harmonize EBL investigation protocol with water testing protocol. 11/12 The EBL contractor met with GCHD staff to coordinate activities with case management. **The EBL investigation activities require a substantial amount of time (4 hours), less than that for the case management activities; however, the team is arranging joint visits where possible.**		**Contract completed 10/29**
Nurse Follow Up	Project sent to Contracts for inclusion in E-grams 10-23-15. 10-21-15 Funding for case management nurses will be disseminated to GCHD through new project: *Flint Water*, for $425,000 through the Comprehensive Contract E-grams system, to fund the: Follow-up of Children Reported with Elevated Lead Levels: Case Management Services. GCHD advised to secure approvals for use of these funds and begin procedures to place staff in appropriate positions to conduct the work. GCHD has shifted one nurse over for follow-up. That nurse if fully trained on elevated lead patient management. 1.5 nurse FTE's will be assigned and trained on 11-10-15. Lead Safe Home Program worked with GCHD on protocol to harmonize the flow of outreach to families with children with elevated blood levels. 11/10 Training has been completed for 2.5 FTE nurses. Some follow-up training will be scheduled as well. **Follow-up training with nurses was completed on 11-17. Weekly calls have been set up with CLPPP staff and nurses.** **Weekly status report from GCHD attached in separate file.**	Eden will contact Bob to send the list to Toni at GCHD so they can facilitate case management of children with elevated lead levels (done). Contract approved 10/26	**Completed** 10/27 **Completed** 11-10
Water Testing	DEQ will be testing at Freeman Elementary the week of 10-26-15, with plans to expand to	No action	

TASK	STATUS	ACTION	DATE COMPLETED
	14 schools. Residential testing will have a different protocol. GCHD has been in contact with DEQ to possibly assist in sampling. Linda Dykema has a draft Executive Summary for Health-Based Drinking Water Lead Levels developed. Once testing is completed, this document will serve as a decision guide on reopening of school and/or daycare water fountains/faucets for student use. Linda will revise the model to include paint chip values/risk levels. GCHD sanitarians are assisting DEQ with water sampling. We should anticipate some differences in opinion on actionable pb levels. Suggested that the following language that DC used be adapted for our use: "The removal of lead in drinking water is most effective if the full lead service line is removed from both the public and private property. If you choose not to replace your private side pipe, lead can continue to dissolve in your drinking water. You should also replace galvanized plumbing, older lead soldered pipes, and brass fixtures and use a different plumbing material in your home. Until all potential sources of lead in drinking water are removed from your private property, be sure to follow the flushing and filter instructions provided." "Water is lead-free when it leaves the treatment plant, but lead can be released when the water comes in contact with pipes and plumbing fixtures that contain lead. Lead sources and lead levels vary between buildings, so it is important to identify and remove any lead sources in each household." "Pregnant or nursing women and children under age six should use filtered tap water for drinking water and cooking until all lead sources are removed. Filters certified for lead removal are required to meet National Sanitary Foundation (NSF) Standard 53." **<u>This language will be incorporated into EBL investigation reports and in the educational packets the nurses will distribute.</u>**	indicated, informational only – DEQ.	**Pending**
Misc.	City of Flint is asking when the county will lift the emergency order. Jim Henry from GCHD mentioned he was hearing some concerns raised again about Legionella. Eden said that Jim Collins can help address this. Mark V. said that an extensive data analysis was done on this previously and it isn't an issue. DEQ gave permission to increase phosphate levels in the water temporarily. Some health concerns might be raised about this particularly for infants. Dr. Eden Wells said that it is unlikely to cause health problems but we can add information on the FAQ to help reassure		

TASK	STATUS	ACTION	DATE COMPLETED
	citizens. DEQ released its Freeman School water testing results this week. EPA released its report from its expedited review of the response as well. **The water testing protocol has been changed to no longer do pre-flushing of the pipes. Other schools that are interested in having their water tested should make a request to DEQ. LARA will do a plumbing assessment before the water samples are taken.** The City of Flint is considering taking over the cost of providing the replacement pipes for at least some of the high risk homes.	FYI only	
	A call was held on the 10th with MDHHS staff and the regional USDA staff and congressional staff, on the ready to feed formula issue. Both USDA and Sen. Stabenow's office satisfied with client communication and monitoring process in place. Talking points have been developed by WIC staff and sent to the communication office for review. The talking points have been approved by the Communications Office. There has only been one client request for Ready to Feed formula in the Flint WIC clinic. There will be a farmers market, in conjunction with a flu clinic, that the GCHD is holding on 21 November and lead-related information will be provided by GCHD.	FYI	**Completed** **Pending**
	Internal calls will be held once a week on Thursdays at 12:30.	FYI	**Ongoing**

BUREAU OF EMS, TRAUMA AND PREPAREDNESS

Considerations for Use of the Incident Command System (ICS) for the Flint Lead Contamination Incident
November 24, 2015

Basic ICS tenets:

- Activation of Incident Command System (ICS) is determined by the scope and magnitude of an incident.
- Commonalities in all incidents include acute harm to the environment, infrastructure or populace by an agent such as biological, toxin/poisons, or natural causes (severe weather is most common).
- The first step is determining the scope & magnitude of the incident with a preliminary assessment. This assessment determines if ICS is appropriate for the response and what the response should be for the mitigation or containment of the causative agent to minimize negative effects on the environment or public.
- Following the initial acute response phase, there is both short term and long term recovery. In this situation, this could include identification of exposed children, lead testing & treatment if appropriate and monitoring of that vulnerable population for negative health consequences in subsequent years.

Unified Command:

- This is the ICS method of best efficacy for incidents involving multiple jurisdictions or agencies.
- Enables institutions and agencies with different legal, geographic, and functional responsibilities to coordinate, plan, and interact effectively.
- The Incident Commanders within the Unified Command make joint decisions and speak as one voice. Any differences are worked out within the Unified Command. Unity of command is maintained. Each responder reports to a single supervisor within his or her area of expertise.
- An example of a Unified Command incident in Michigan is the response to the Enbridge Oil Spill. The command structure included federal, state and local staffing.
- Benefits of a unified approach are:
    - A shared understanding of priorities and restrictions.
    - A single set of incident objectives, planning process and incident action plan.
    - Collaborative strategies.
    - Improved internal and external information flow.
    - Less duplication of efforts.
    - Better resource utilization.

In Michigan, Emergency Management (EM) has ICS command & control of an incident. This is true whether it is local emergency management isolated to one jurisdiction or the MSP Emergency Management and Homeland Security Division for a multi-jurisdictional (3 or more) incident. Most emergencies occur first locally and therefore are under the authority of the local EM and county administration to determine the scope of the incident for utilization of the ICS structure and/or request assistance from the state. All other agencies, health, environmental, & agriculture, etc. are supporting agencies to the EM command and therefore coordinate their own resources for response.

The Michigan Department of Health and Human Services (MDHHS) Community Health Emergency Coordination Center (CHECC) functions within the Multiagency Coordination System (MACS) of the National Incident Management System (NIMS). The CHECC provides coordination and support for the command structure but does not function in a command role. Multiagency coordination is a process that allows different disciplines to work together more effectively. For the CHECC it includes essentially all of public health & healthcare (human services under development).

The primary benefits of the CHECC are during response for coordination of department resources to:

- Establish and clarify policy with the Executive Group.
- Perform a situational assessment
- Establish a health common operating picture.
- Set state level public health & healthcare priorities.
- Facilitate logistics support and resource allocation.
- Interagency activities.
- Synchronize health messaging to ensure that we are speaking with one voice.

Long Term Recovery Planning:
The Flint lead contamination incident is now in response including short term recovery and rapidly transitioning towards long term recovery. Long term recovery could entail community public works redevelopment and revitalization. It presents opportunities to restructure the community and simultaneously making it more resilient with determination of lead-vulnerable pediatric populations. The recovery process involves cooperation of the local agencies, the private sector and non-governmental organizations (such as volunteer organizations, civic organizations, healthcare, and the private sector) and the state. The Flint plan for recovery should outline the basic framework under which the various recovery agencies will operate, leaving the specific and detailed actions to each agency or organization to implement based on the recovery needs of the community and their regulatory authority, fiscal and other resources. This plan could be developed using a Unified Command structure under the direction of the local jurisdiction.

Conclusion:
There are many benefits to the ICS structure for all hazards emergencies. However, utilizing the CHECC at the current stage of this incident without a local ICS structure would appear to be more controlling than coordinating and could have negative outcomes. The deficits in this incident appear to be too many agencies working in silos and a lack of routine, consistent communications horizontally and vertically. A local Unified Command structure could still be implemented to correct these issues.

The CHECC is not required for the state-level assistance that is already being provided by the Michigan Department of Health and Human Services, the Chief Medical Executive, Childhood Lead Poisoning Prevention Program, Environmental Epidemiology and other staff. State level emergency management (SEOC) has not stepped into an operational role in the incident and the CHECC normally follows as support to that command lead. All staffs in the bureau/administration/department however are available to provide technical assistance to public health and healthcare when requested without an ICS structure. If a special team of subject matter experts needs to be assigned it is part of the daily operations and planning (for example with public health investigations of disease outbreaks) used to assist our partners across the state.

The MDHHS Action Plan for the Flint Water Public Health Response, demonstrates the numerous areas where the department is directly involved with federal, state and local partners and itemizes the issues that are being addressed. MDHHS can easily increase the frequency of the Action Plan updates to better ensure appropriate communication of activities with partners such as the Governor's Task Force on Flint Water Issues, the DEQ, the Genesee County Health Department, and others.

Trigger and Description	Scalability of Triggers in Relation to Level of CHECC Activation			
	Level 1	**Level 2**	**Level 3**	**Level 4**
BioWatch Actionable Result (BAR) · *BAR Elevated by BioWatch Advisory Committee*	· BioWatch Sampling Maintained	· BioWatch – BAR Confirmed	· BioWatch – Elevated by BAC · Agent Confirmed by Phase One Sampling · Two BioWatch Site Monitors Confirmed with BARs	Rehabilitation Needed Demobilization of Deployed Resources CHECC Demobilization Plan Implemented Re-supply Requested Physical Restoration Needed Financial Restoration Needed Behavioral Health Needs Identified
Emergency Declaration · *Governor Declares State of Emergency or Disaster* · *Health and Human Services (HHS) Secretary Declares a Public Health Emergency* · *Presidential Emergency or Disaster Declaration* · *A FEMA Region V Jurisdiction Declares Public Health Emergency* · *International Border Declaration/Closure* · *World Health Organization Declaration*	· Absence of National Emergency Declaration · No FEMA V State Declaration	· One or more FEMA V State(s) Declare an Emergency Due to a Threat with Imminent Public Health or Medical Implications	· National Declaration · FEMA V State Declaration Affecting Michigan	
Local/State/National Level Event/Incident · *Emergency Mutual Aid Compact (EMAC) Request(s) in Effect* · *Michigan Emergency Mutual Aid Compact (MEMAC)/Intrastate Mutual Aid Request(s) in Effect* · *Planned Significant Events* · *State Emergency Operations Center (SEOC) Activation* · *Resource Request in Effect Between Local Jurisdictions*	· Absence of State/National Incident/Event	· National Event/Incident Affecting One or More FEMA V State(s) with Public Health or Medical Implications · Planned Significant Event Affecting Michigan	· National Event/Incident Affecting Michigan · EMAC Request Made or Received	
Terrorism Incident · *Terrorist Claim Credible Threat* · *Credible Threat Confirmed by Detection Systems* · *MIOC Bulletin Confirms Credible Threat* · *Resource Request in Effect* · *Detroit Southeast Michigan Intelligence Center Confirms Credible Threat*	· Terrorism Threats Monitored	· Terrorism Incident Reported with Imminent Public Health or Medical Implications	· Terrorism Incident with Imminent Public Health or Medical Implications Confirmed by Intelligence Community	
Severe Weather or Natural Disaster · *Loss of Public Health or Healthcare Infrastructure* · *EMAC Request(s) in Effect* · *MEMAC/Intrastate Mutual Aid Request(s) in Effect* · *Planned Significant Events* · *SEOC Activation* · *Resource Request in Effect (intrastate)* · *Bridge/Border Closing* · *Increased Quarantine Activities* · *Increased Communicable Disease Reporting at Port(s)*	· Natural Disaster	· Natural Disaster Resulting in the Loss of Public Health or Healthcare Infrastructure · Intrastate Surge Resources Requests Received	· Natural Disaster Resulting in the Loss of Public Health or Healthcare Infrastructure Resulting in the Need to Request EMAC or Federal Assistance.	
Port of Entry (Isolation/Quarantine) · *Bridge/Border Closing* · *Increased Quarantine Activities* · *Increased Communicable Disease Reporting at Port(s)*	· Port of Entry Quarantine and Isolation Procedures Maintained.	· More Than One Request for an Increase in Quarantine Activities at a Single Port of Entry.	· Communicable Disease Reported at Port(s) of Entry Exceeds Pre-Identified Thresholds	

Trigger and Description	Scalability of Triggers in Relation to Level of CHECC Activation			
	Level 1	**Level 2**	**Level 3**	**Level 4**
Surveillance · *Unknown Etiology Detected* · *Known Communicable Disease Exceeding Thresholds* · *Unusual Health Events Reported* · *Unknown Etiology Reported as Having Unknown Characteristics Threatening to Public Health* · *Detection of Category A Agent* · *Additional Surveillance Requested*	· Syndromic Surveillance Maintained · No Category A or B Agents Detected	· Syndromic Surveillance Indicates Unknown Etiology with High Mortality/Morbidity Reported in 1-3 People · Category B Agents Detected in >1 People.	· Syndromic Surveillance Indicates Unknown Etiology with High Mortality/Morbidity · Reported in >3 People · Category A Agents Detected in >1 People.	

Michigan Department of Health and Human Services
Governor's Task Force on Flint Water follow up on lead abatement funding questions

What is total funding availability for lead abatement- please list by source?

Current abatement funding available is for abatement of lead-based paint hazards only by federal definition and does not include funding for water remediation.

Currently, the Division of Environmental Health, Healthy Homes Section has **$1,239,761 in state General Funds** and **approximately $450,000 in U. S. Department of Housing and Urban Development (HUD) funds** for lead-based paint hazard abatement for Fiscal Year 2016.

The Healthy Homes Section identified 10 target areas throughout the state for this funding based on number of children with elevated lead levels and amount of pre-1978 housing stock to receive priority for this funding. Genesee County is included as a designated target area. Also included as a target area is Kent County and the City of Grand Rapids as they were not awarded HUD funding during this round.

Amount of HUD funding that GCHD could have applied for had they chosen to do so?

In FY 2015, HUD made available lead-based paint hazard control funding in which agencies could apply for up to $3,325,000 (3 year funding round) for lead hazard abatement. The MDHHS, Healthy Homes Section applied and received $3,231,610 in HUD funds in FY 2015. The Genesee County Health Department and/or the City of Flint did not apply.

How much of the lead abatement funding has historically gone to Genesee County? Wayne County? City of Flint?

Federal
Data from HUD indicates:

City of Flint
No grants awarded.
No history of grants applied for through HUD.

Genesee County
2009 $2,070,000

Applied for grant in 2012, not awarded
Applied for grant in 2014, not awarded

Wayne County (excludes City of Detroit)
1997 $4,994,424

2007 $3,000,000
2012 $2,480,000

Applied for grant in 2009, not awarded
Applied for grant in 2010, not awarded
Applied for grant in 2011, not awarded

City of Detroit

1995 $5,917,839
2002 $2,160,000
2004 $4,000,000
2006 $3,996,680
2009 $3,535,372
2014 $3,637,000

State

Through the Healthy Homes Section, Lead Safe Home Program, since inception of the program in 1997:

Genesee County/City of Flint

Approximately $1,330,688 has been used to abate lead-based paint hazards in approximately 224 homes located in Genesee County, with $1,183,503 (approximately 203 homes) of this funding going directly to homes located in the City of Flint.

Wayne County

Approximately $3,175,249 has been used to abate lead-based paint hazards in approximately 528 homes located in Wayne County, with $2,735,645 (approximately 448 homes) of this funding going directly to homes located in the City of Detroit.

How many homes in city of Flint abated in FY 15? Any homes abated thus far in FY 2016?

Through the MDHHS Lead Safe Home Program, of the 177 homes abated statewide in Fiscal Year 2015, nine were projects located within the City of Flint. In addition, there are currently three enrolled properties within the City of Flint to date in Fiscal Year 2016.

Genesee County and/or the City of Flint did not apply for HUD funding in Fiscal Year 2015 and therefore does not currently have their own funding available for lead-based paint hazard abatement.

From: Anderson, Madhu (DEQ)
Sent: Wednesday, November 25, 2015 2:07 PM
To: Chris Kolb; Ken Sikkema (ksikkema@pscinc.com); erothste@grg-ltd.com; mattdav@med.umich.edu; reynolds@mottchc.org
Cc: Baird, Richard (GOV); Wyant, Dan (DEQ); Weber, Travis (GOV)
Subject: Follow up Information
Attachments: 18-Point Partnering Plan 11-23-15.pdf; Flint Water FY 2016 Supplemental Budget Request.pdf; Taking Action on Flint Water.pdf

All - During the phone call yesterday with the Flint Water Task Force, Chris Kolb asked for the information about the ongoing activities in Flint. Please find attached the following materials:

- DEQ's Partnering Plan
- FY 2016 SOM Supplemental Budget Request for Flint Water – authorized by the State Legislature on October 15, 2015.
- Taking Action on Flint Water Brochure

Director Wyant and our Flint Action team are available to meet with you at your convenience to give you more details on the ongoing activities and outreach in Flint .

Have a wonderful Thanksgiving,

Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 | 517 290 9653
andersonm30@michigan.gov

Department of Environmental Quality
18-Point Partnering Plan

1. **After Action Plan Frequently Asked Questions will be ready by noon on November 16, 2015**

   - First version complete – updated as needed

2. **School test data**

   - School reports to be expedited
   - Steve Busch creates summary reports
   - George Krisztian creates summary spreadsheets

3. **Blood exposure**

   - DHHS is lead on providing data

4. **Meeting with Mayor Karen Weaver**

   - Harvey Hollins lead – Dan Wyant, Jim Sygo, and George Krisztian to attend

5. **Messaging our Partnering Plan**

   - Provide ongoing public updates regarding Governor's 10-point plan
   - Continue emphasis on the availability of free testing for Flint residents
   - DEQ's Office of Environmental Assistance to direct the public to the Flint water Web site: www.mi.gov/flintwater

6. **Sampling Protocol**

   - Establish alignment with the U.S. Environmental Protection Agency (EPA), Region 5, on sampling protocol

7. **Lead service line replacement**

   - Expand the Revolving Loan Fund directed at lead service line replacement
   - Amy Epkey, Maggie Pallone, and Sonya Butler

8. Partner with EPA

- Dan Wyant → Susan Hedman
- Jim Sygo → Bob Kaplan
- Mike Prysby and Steve Busch → Darren Lytle and Mike Schock
- George Krisztian → Tom Burke
- DEQ's Office of Drinking Water and Municipal Assistance (ODWMA) staff → EPA, Region 5, staff (Jennifer Crooks and Tom Poy)

9. Meet with Charles Stewart Mott Foundation to discuss Lead Service Line Identification Study

10. Lead Education Program

- DHHS is the lead on Lead Education Program

11. Moving Karegnondi Water Authority (KWA) forward

- Proactive meetings with KWA

12. Participate actively with Flint Technical Advisory Council

13. Utilize Joan Rose and Michigan State University water expertise

14. Public outreach

- Flint Mayor Karen Weaver
- Genesee County Health Department
- Drs. Lawrence Reynolds, Eden Wells, and Matthew Davis
- Ministers
- Land Bank
- Legislators
- Citizens

15. Outreach to schools

- EPA guidance on testing
- Work with State Superintendent Brian Whiston
- ODWMA staff to work on literature

16. Make recommendations to EPA about Lead and Copper Rule

17. Compliance Communication letter sent on November 9, 2015

- Wait until after December 30, 2015

18. Enhance coordination with health officials regarding personal health notifications of drinking water issues

Flint Water FY 2016 Supplemental Budget Request

1. $1 Million for Filters

The $1 million for filters will be used to purchase filters for households in Flint that do not qualify for assistance under any of the DHHS assistance programs. Filters for those residents will be paid for out of funding already in place in DHHS' budget. Each filter is $20 and they were ordered in bulk through Home Depot. Filters are being distributed through local public health departments, with documentation filed for each filter handed out.

2. $6 Million for switch from Flint River to DWSD

The City of Flint estimates it will cost the City an additional $1.3 million per month to use DWSD instead of the Flint River. The State and the City agreed to split the cost through June 2016, when the new Karegnondi Water Authority will be completed and Flint will switch to that water source. ($1.3 million for 9 months)

3. $1.35 Million for resources to do community Lead Exposure Testing

DEQ, DHHS and LARA are assembling a team to go into schools, childcare facilities, and other high lead exposure health risk locations to test and follow up on lead exposure.

4. $1 Million for evaluating sample results at the State Lab

The new testing protocols for schools will require each faucet in the school to be tested and evaluated at the State lab. In addition, lead exposure testing in homes will result in tens of thousands more samples that will be need to processed. Each sample costs $26 to process.

Total Ask: $9.35 Million, $7.15 GF

TAKING ACTION ON FLINT WATER

www.mi.gov/FlintWater

- The Action Plan -

- Immediately test all Flint public schools to ensure that **drinking water is safe.** Testing will also be available at no cost to any other school in Flint.
- **Expand health exposure testing** of individual residences.
- **Offer water testing** at no cost to Flint residents to assure water is safe.
- **Expedite optimizing corrosion controls** in the Flint drinking water system.
- **Assemble the "Safe Drinking Water Technical Advisory Committee"** to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
- **Accelerate water system improvements** to address replacement of lead service lines.
- Expedite completion of **Karegnondi Water Authority.**
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor to ensure safe drinking water.
- **Provide water filters** to residents of Flint.
- Expand a comprehensive lead education initiative.

To get your water tested for free, please call the city of Flint Water Plant at (810) 787-6537 and then press 1

Visit **www.mi.gov/FlintWater** for more information

From: Lasher, Geralyn (DHHS)
Sent: Thursday, December 03, 2015 2:00 PM
To: chris@environmentalcouncil.org; ksikkema@pscinc.com; reynolds@mottchc.org; Mattdav@med.umich.edu; erothste@grg-ltd.com
Cc: Lyon, Nick (DHHS); Becker, Timothy (DHHS); Grijalva, Nancy (DHHS); Granger, Patricia (DHHS); Baird, Richard (GOV); Weber, Travis (GOV); Wells, Eden (DHHS)
Subject: Summary Data
Attachments: Flint EBL Data Press Release FINAL.PDF; Flint Blood Lead Level Summary Report December.pdf

This afternoon at 2:30 p.m., the Michigan Department of Health and Human Services will issue the attached press release and summary report detailing the latest data on blood lead levels in Flint.

Director Lyon wanted to ensure that members of the Governor's Task Force received this information in advance of the press release being issued.

The summary report provides annual historical information on children younger than six years, children between the ages of six and seventeen years and adults tested for lead. It also provides detail on the number of test results for these category groups that have tested above five micrograms per deciliter. The summary report also provides information on the numbers tested and with elevated blood lead levels since the MDHHS Action Plan began in October.

The preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels.

Please let us know if there are any additional questions or if you would like to arrange for a conversation with Director Lyon, Dr. Wells or any member of the MDHHS team for additional information.

Thank you,
Geralyn

Geralyn Anne Lasher
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STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 3, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest data outlining blood lead levels in Flint

Follow-up care, case management resources continue for families

LANSING, Mich. – Preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels, according to a report issued today by the Michigan Department of Health and Human Services.

This marks the first summary report on lead testing called for in the state's action plan related to health concerns about Flint's water infrastructure.

"Our goal is to help families reduce their exposure to lead sources," said Dr. Eden Wells, MDHHS chief medical executive. "We have made progress in testing and identifying those with elevated blood lead levels, and the department will continue to work closely with the Genesee County Health Department to reach these families. We will remain diligent in our ongoing outreach and education efforts."

Information comes from tests administered citywide to 1,361 children and adults since October 1. Tests showed that 21 of 969 children age 17 or younger and 9 of 392 adults over the age 18 were identified with elevated blood lead levels.

The report covers test results reported to MDHHS since the state action plan was put in place Oct. 2. It includes the number of tests and number of elevated blood lead levels greater than 5 micrograms per deciliter, and captures both capillary and venous blood tests that have been reported to MDHHS since the beginning of October. People who have had multiple tests are counted only once. Five micrograms per deciliter is the level that the Centers for Disease Control and Prevention considers elevated and triggers health care professional follow up with families.

The full report is posted online at www.michigan.gov/flintwater and will be updated as more data becomes available.

When reviewing historical trend data, the risk of lead exposure is highest during the third quarter of each year – July through September. Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months.

In the third quarter of 2010, 8.3 percent of Flint children 6 and under showed elevated blood lead levels. The figure gradually decreased to 4.1 percent in the third quarter of 2013. During the same months in 2014, the figure increased to 7.5 percent and decreased to 6.4 percent in the third quarter of 2015.

– MORE –

Last month, MDHHS collaborated with the county health department and local partners to distribute educational resources and informational letters to Flint parents regarding lead testing. The state is providing funding for GCHD nurses to work with families when an elevated blood lead level has been detected. During these follow-up visits, nurses coordinate with environmental health investigators to meet with families in their homes to identify lead exposures, address questions and provide water filters. People can be exposed to lead from paint, soil, plumbing and other sources.

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department. For a full list of locations and hours of distribution, visit www.michigan.gov/flintwater.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For updates, visit www.michigan.gov/flintwater.

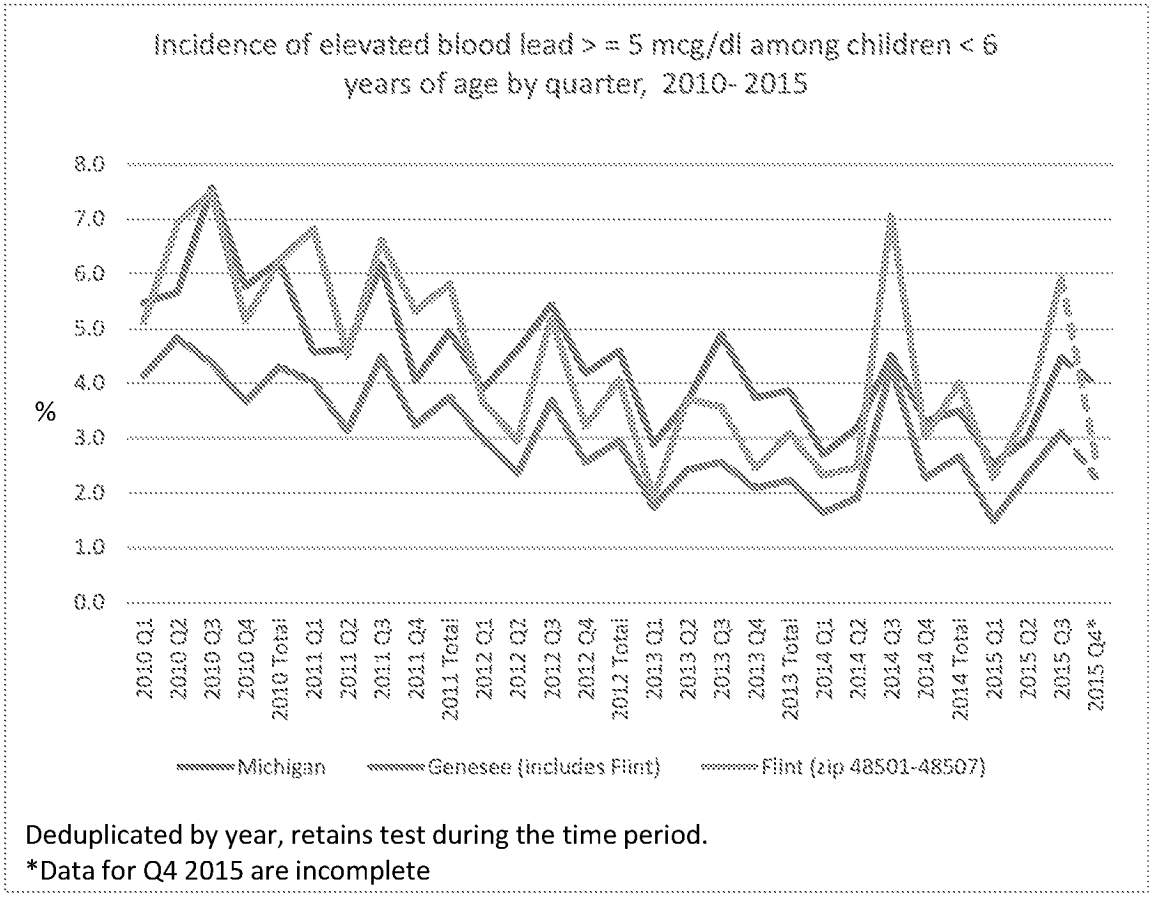
# # #

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of November 13, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.



Deduplicated by year, retains test during the time period.
*Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	120,699	5,778	2,704	10,841	1,197	765
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,200	149	101	309	10	8
Total tested for lead 10/1/2015 to 11/13/2015:	14,593	957	560	1,412	502	409
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	583	22	15	38	6	6

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	11,685	860	526	143,225	7,835	3,995
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,195	30	15	5,704	204	124
Total tested for lead 10/1/2015 to 11/13/2015:	1,615	483	392	17,620	1,942	1,361
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	160	11	9	781	44	30

** Data for Quarter 4 of 2015 are incomplete and subject to change*

From: Reynolds, Lawrence <LawrenceR@mottchc.org>
Sent: Thursday, December 03, 2015 3:36 PM
To: Lasher, Geralyn (DHHS); chris@environmentalcouncil.org; ksikkema@pscinc.com; Mattdav@med.umich.edu; erothste@grg-ltd.com
Cc: Lyon, Nick (DHHS); Becker, Timothy (DHHS); Grijalva, Nancy (DHHS); Granger, Patricia (DHHS); Baird, Richard (GOV); Weber, Travis (GOV); Wells, Eden (DHHS)
Subject: RE: Summary Data

This is a good start but maybe lacking context . Would GIS software identify clusters ? I am disappointed to see, at this moment , that Dr. Edward's study and Dr. Mona's study which have more granular reporting are given no credence. Is there a reason ? You must understand that the areas with the most problems in blood and water are where I have spent the last 24 years in service.

From: Lasher, Geralyn (DHHS) [mailto:lasherg@michigan.gov]
Sent: Thursday, December 03, 2015 2:00 PM
To: chris@environmentalcouncil.org; ksikkema@pscinc.com; Reynolds, Lawrence; Mattdav@med.umich.edu; erothste@grg-ltd.com
Cc: Lyon, Nick (DHHS); Becker, Timothy (DHHS); Grijalva, Nancy (DHHS); Granger, Patricia (DHHS); Baird, Richard (GOV); webert7@michigan.gov; Wells, Eden (DHHS)
Subject: Summary Data

This afternoon at 2:30 p.m., the Michigan Department of Health and Human Services will issue the attached press release and summary report detailing the latest data on blood lead levels in Flint.

Director Lyon wanted to ensure that members of the Governor's Task Force received this information in advance of the press release being issued.

The summary report provides annual historical information on children younger than six years, children between the ages of six and seventeen years and adults tested for lead. It also provides detail on the number of test results for these category groups that have tested above five micrograms per deciliter. The summary report also provides information on the numbers tested and with elevated blood lead levels since the MDHHS Action Plan began in October.

The preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels.

Please let us know if there are any additional questions or if you would like to arrange for a conversation with Director Lyon, Dr. Wells or any member of the MDHHS team for additional information.

Thank you,
Geralyn

Geralyn Anne Lasher
Senior Deputy Director for External Relations and Communications
Michigan Department of Health and Human Services
201 Townsend Street, Capitol View Building
Lansing Michigan 48913
P: (517) 241-2112
C: PPI

LasherG@michigan.gov
@glasher

From: Baird, Richard (GOV)
Sent: Tuesday, November 24, 2015 1:05 PM
To: Scott, Allison (GOV)
Subject: FYI Conference Call With Governor

Sent from Windows Mail

From: Ken Sikkema
Sent: Tuesday, November 24, 2015 12:46 PM
To: Chris Kolb, Eric Rothstein, Matt Davis, 'reynolds@mottchc.org', Richard Baird

All:

As you know, we have a conference call with the Governor at 4:30pm today...

In a phone conversation with Rich Baird earlier today, he mentioned that he has heard the Task Force has 4 initial items of concern:

1. The lack of unfettered access to individuals with whom we need to meet.

2. The lack of one individual or entity who has the responsibility to coordinate and marshal resources to respond to the ongoing situation in Flint.

3. The proposed letter requesting the deployment of the resources of the Office of Emergency Preparedness and Response for additional testing of blood lead levels in Flint children.

4. The apparent culture of "technical compliance" as a regulatory approach in the Safe Drinking Water Division at DEQ.

Given the limited time we have with the Governor, I suggest we focus on the first 3 and leave the last one for another day. Although my take-away from our meeting with the DEQ is consistent with #4 above, I would characterize it as an initial impression and one that needs to be explored a bit further.

Everyone should feel free to weigh in where they want, but Eric, I hope you will emphasize #1, Matt #3, and Chris--you or I--#2.

Just my suggestion as a way to organize our conversation a bit...open to other thoughts as we proceed.

Ken

--

Ken Sikkema
Senior Policy Fellow
Public Sector Consultants
PH: 517-484-4954
ksikkema@pscinc.com

From: Workman, Wayne (TREASURY)
Sent: Friday, August 14, 2015 11:38 AM
To: Snyder, Rick (GOV)
Cc: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Scott, Allison (GOV); Khouri, Nick (TREASURY); Roberts, John (DTMB); Baird, Richard (GOV); Walsh, John (GOV); Redford, James (GOV); Allard, Claire (GOV); Wisniewski, Wendy (GOV); Saxton, Thomas (Treasury); Koryzno, Edward (Treasury); Durfee, Sally (TREASURY)
Subject: FW: Local Government Memo and Summary
Attachments: Gov Memo August 2015.docx; 201508_436Summary.docx

Governor Snyder, Attached is the latest update on distressed local governments along with a summary table. We can discuss in detail during our Tuesday briefing. Thank you, Wayne

Workman, Wayne (TREASURY) <WorkmanW@michigan.gov>

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: August 14, 2015

TO: Rick Snyder, Governor

FROM: Wayne Workman, Deputy State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

EMERGENCY MANAGER

Not Responsive

Not Responsive

FINANCIAL REVIEW COMMISSION (FRC)

Not Responsive

Not Responsive

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB)

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Flint

RTAB Appointed: April 29, 2015

RTAB Members: Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan

Recent Developments

- Not Responsive
- On August 7, 2015, Genesee County Circuit Court invalidated the city's 35 percent water and sewer rate increases which were reverted back to 2011 rates. This decision could potentially could cost the City's General Fund up to $50M. The city expects to receive a final order from the Circuit Court on August 17, 2015, and is prepared to file an emergency appeal to the Court of Appeals. The City Administrator has instituted hiring and spending freezes across all departments, and Treasury is working with the city to identify the impact from this decision.
- In addition, on August 7, 2015, Genesee County Circuit Judge Archie Hayman issued an emergency injunction that prevents the city from further charging water service fees, instituted on all water bills to recoup funds used to settle a 2007 lawsuit. The ruling requires the city to repay $15.7M from the General Fund to the Water Fund. The ruling also prohibits the city from disconnecting water service for late payment and prevents the city from placing liens on property for past due water bills. The city plans to appeal this decision.

Flint (continued)

Recent Developments (continued)

- Not Responsive
- Not Responsive
- Not Responsive
- U.S. District Judge Stephen J. Murphy denied a motion for a preliminary injunction on June 23, 2015, to force the city to purchase water from the City of Detroit. Another lawsuit to force the city to purchase water from the City of Detroit was filed in Genesee County Circuit Court on July 16, 2015.
- Not Responsive
- Not Responsive
- The city continues to inform residents that it is in violation of the Clean Water Standards Act. Monthly testing is ongoing.
- The city is implementing Veolia recommended improvements to its water system, including water plant improvements, distribution system improvements, new policies and procedures, and better communication with customers. The city installed a $1.5M granulated active-charcoal filter to improve water quality. All twelve filters are completely installed and will be in use by August 17, 2015.
- The city hired Echologics at a cost of $895,850 to perform a leak detection study. This project commenced on August 10, 2015.
- The KWA pipeline is expected to be completed in June 2016. The two pump stations are 75% complete and the intake should be completed in August 2015.

Flint (continued)

Significant Actions/Issues

- Not Responsive
- On June 12, 2015, the Michigan Court of Appeals reversed a decision by Genesee County Circuit Judge Richard Yuille, who dismissed a claim that the city violated its own ordinances when the EM raised water and sewer rates in 2011.
- Not Responsive

Not Responsive

Not Responsive

CONSENT AGREEMENT

Not Responsive

Not Responsive

Not Responsive

NEUTRAL EVALUATION

Not Responsive

OTHER COMMUNITIES

Not Responsive

Public Act 436 of 2012 Summary

EMERGENCY MANAGER - MUNICIPALITIES

Unit of Government	Current Emergency Manager	Initial Appointment Date	Target Exit Date	Notes
Not Responsive				

FINANCIAL REVIEW COMMISSION (FRC) – MUNICIPALITIES

Unit of Government	Board Members	Appointment Date	Target Exit Date	
Not Responsive				

RECEIVERSHIP TRANSITION ADVISORY BOARD (RTAB) - MUNICIPALITIES

Unit of Government	Board Members	Appointment Date	Target Exit Date	Notes
Not Responsive				
City of Flint	Frederick Headen, Brian Larkin, David McGhee, Beverly Walker-Griffea, Robert McMahan	April 29, 2015	NA	* Not Responsive * Motion denied on 6/23/15 for preliminary injunction to force city to purchase water from Detroit. 2nd lawsuit filed on 7/16/15. * KWA pipeline expected to be completed in June 2016.
Not Responsive				

August 14, 2015

Public Act 436 of 2012 Summary

Not Responsive

CONSENT AGREEMENT - MUNICIAPLITIES

Unit of Government	Treasury Representative/Consultant	Date Executed	Term of Consent Agreement	Notes

Not Responsive

NEUTRAL EVALUATION - MUNICIPALITIES

Unit of Government	Financial Review Team Appointed	Financial Emergency Declared	Date Option Selected	Notes

Not Responsive

OTHER COMMUNITIES

Not Responsive

EMERGENCY MANAGER - SCHOOLS

Unit of Government	Emergency Manager	Appointment Date	Target Exit Date	Notes

Public Act 436 of 2012 Summary

Not Responsive

CONSENT AGREEMENT - SCHOOLS				
Unit of Government	**Consultant**	**Appointment Date**	**Target Exit Date**	**Notes**

Not Responsive

SCHOOLS WATCH LIST
Due to recent passage of PAs 109 and 111, Treasury is evaluating the list of schools with deficits that meet the new criteria.

August 14, 2015

From: Bedan, Morgan (GOV)
Sent: Wednesday, October 28, 2015 8:32 AM
To: Snyder, PPI
Cc: Scott, Allison (GOV)
Subject: RE: October 28 Daily Briefing
Attachments: RDS Cabinet Meeting Slides.pdf

Attaching your portion of the presentation with a few notes that DTMB sent down. Please let me know if you would like it in a different format.

Morgan

From: Snyder, PPI
Sent: Wednesday, October 28, 2015 7:25 AM
To: Bedan, Morgan (GOV) <BedanM@michigan.gov>
Cc: Scott, Allison (GOV) <scotta12@michigan.gov>; Emmitt, Beth (GOV) <emmittb@michigan.gov>
Subject: Re: October 28 Daily Briefing

Please send me pages 1 and 2 of the attached powerpoint presentation for the Directors meeting in a format where the slides are readable on an iPad. They apparently made up slides for me.

Thanks
Rick

Sent from my iPad

On Oct 27, 2015, at 4:10 PM, Bedan, Morgan (GOV) <BedanM@michigan.gov> wrote:

> Governor,
>
> Attached is your Daily Briefing for October 28. The briefing contains:
>
> - October 28th Calendar – Pages 2 – 6
>
> **Events**
>
> - Not Responsive
>
> **Meetings**
>
> - Not Responsive
>
> **For Review**
>
> - Flint Water – Pages 39 – 42
> - Updated Action Plan
> - Updated Action Steps
> - Not Responsive

Please let us know if you have any questions.

Thank you,
Morgan

Not Responsive

<151028 Daily Briefing.pdf>

This Document is a Non-Responsive Attachment.

From: Wyant, Dan (DEQ)
Sent: Monday, December 28, 2015 9:49 AM
To: Snyder, PPI Scott, Allison (GOV); Agen, Jarrod (GOV); Baird, Richard (GOV); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Posthumus, Dick (GOV); Murray, David (GOV); Holland, Meegan (GOV); Lyon, Nick (DHHS)
Cc: Wyant, Dan (DEQ)
Subject: FW: Auditor General Letter – City of Flint Drinking Water
Attachments: Auditor General Letter - City of Flint Drinking Water.pdf

FYI – Please see the attached letter. The Auditor General findings are consistent with the DEQ's own internal review. The Auditor General delivered the letter to Senator Ananich late Wednesday, December 23, 2015.

Please call me if you have any questions.

Dan Wyant
Director

Attachment

From: MI_Office_of_the_Auditor_General [mailto:mi_auditor_general@audgen.michigan.gov]
Sent: Wednesday, December 23, 2015 3:18 PM
To: aleavitt@senate.michigan.gov; sstudley@senate.michigan.gov
Cc: Hirst, Laura (OAG); Ringler, Doug (OAG); Wyant, Dan (DEQ); Sygo, Jim (DEQ)
Subject: Auditor General Letter – City of Flint Drinking Water

Please see the attached letter, which addresses your questions about the City of Flint's drinking water.

We stand ready to answer any questions that you may have. Thank you.

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

DEQ informed us that in the 1990s, the City of Flint upgraded the Flint WTP to serve as a backup source of water for emergencies. In 2006, the Flint WTP began quarterly testing of the treated Flint River water at the Flint WTP to ensure water quality standards were met; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

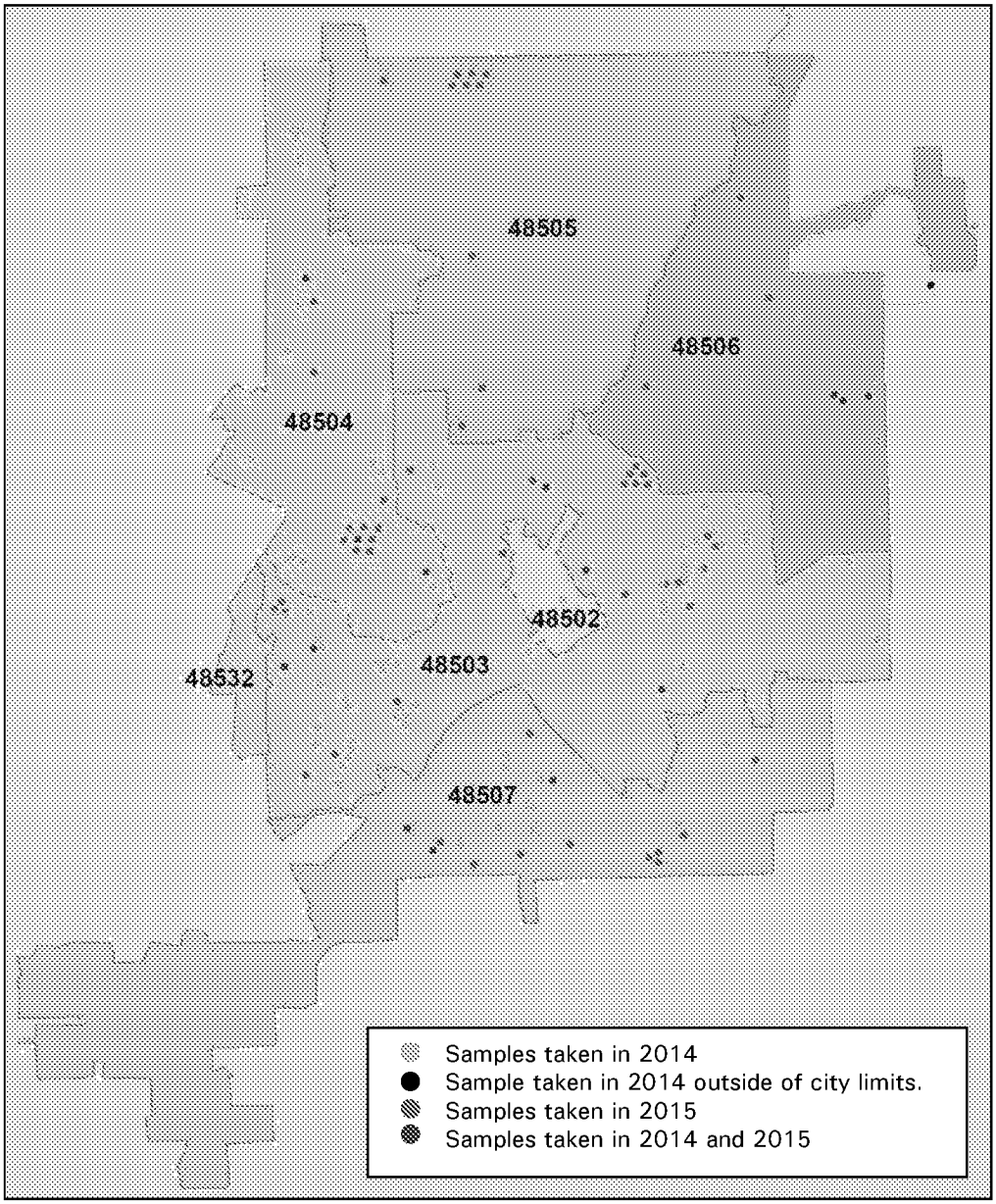
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

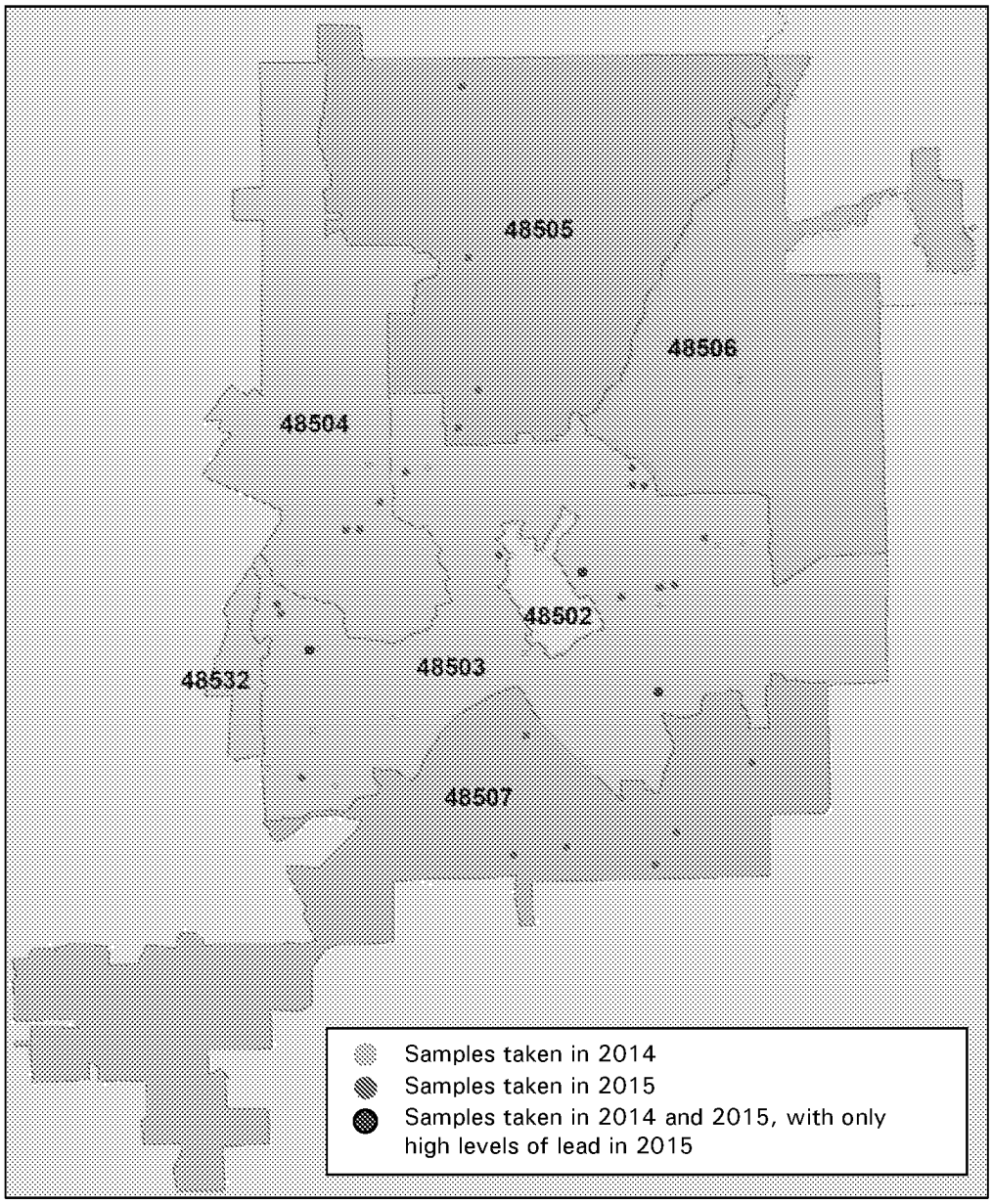
As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

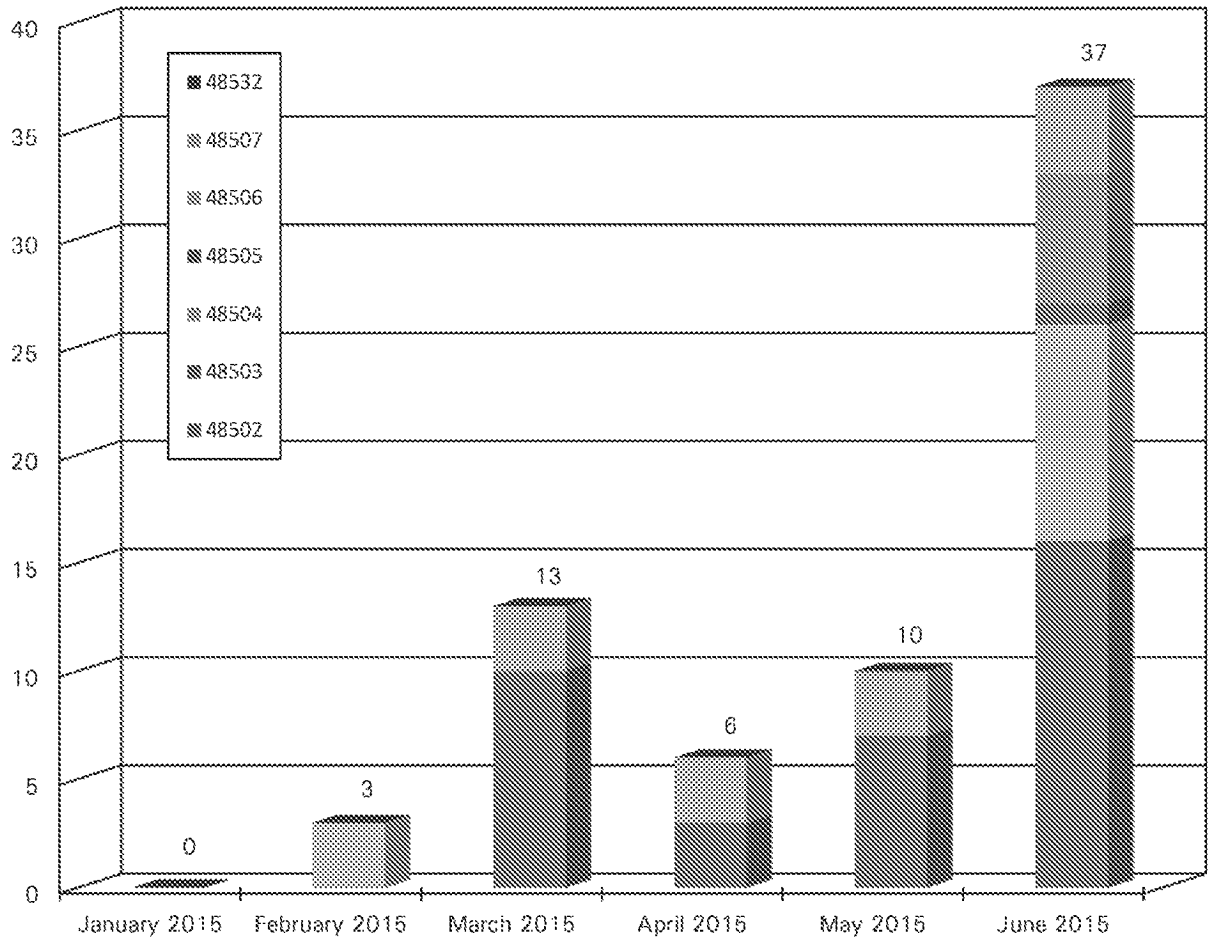
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

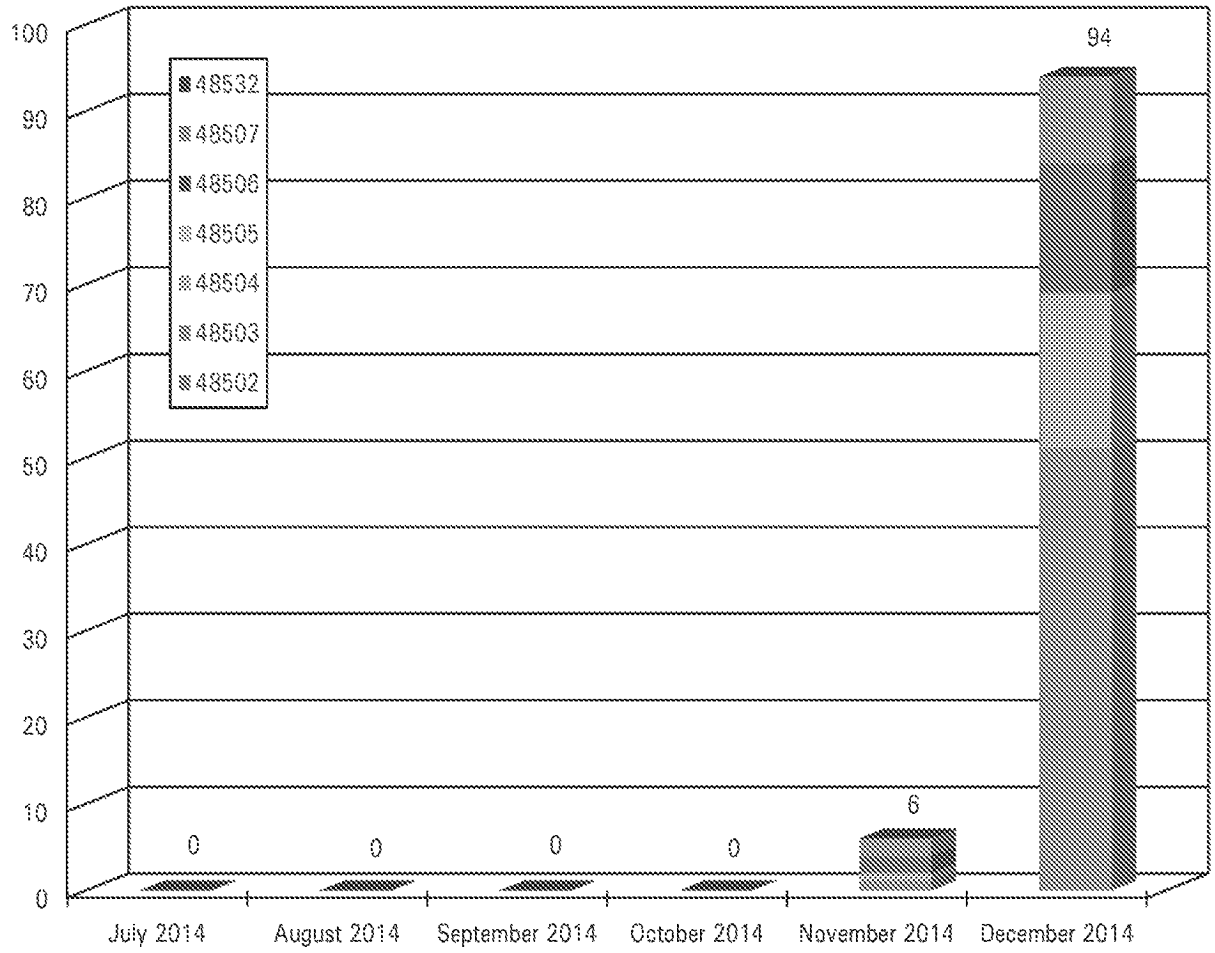
This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Murray, David (GOV)
Sent: Monday, December 14, 2015 5:12 PM
To: Scott, Allison (GOV)
Subject: Flint task force repsonse letter
Attachments: Flint task force response letter.docx

Hello Allison,

Here's the approved letter for the task force. Can you tell me who can put in on official stationary and send to the task force chairs?

Thank you very much. Nice taking with you today.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

This Document is a Non-Responsive Attachment.

From: Baird, Richard (GOV)
Sent: Wednesday, December 30, 2015 7:01 PM
To: Scott, Allison (GOV)
Subject: FW: Attorney Client Work Product (Draft), Privileged and Confidential
Attachments: A Proposal to Create the Flint Water Inter.docx; IA Coord Com Org Chart.jpg; IAP Flint Water 2015-12-29.pdf

fyi

From: Baird, Richard (GOV)
Sent: Wednesday, December 30, 2015 6:57 PM
To: Agen, Jarrod (GOV); Clement, Elizabeth (GOV); Hollins, Harvey (GOV); Kelenske, Chris (MSP); Holland, Meegan (GOV); Murray, David (GOV); Redford, James (GOV); Becker, Timothy (DHHS); Creagh, Keith (DNR); Roberts, John (DTMB)
Cc: Etue, Kriste (EtueK@michigan.gov); Nick Lyon
Subject: Attorney Client Work Product (Draft), Privileged and Confidential

Team:

Today Harvey and I met with the Flint Water Task Force. It was a good meeting. People were pleased with the G's statement from the prior day. Captain Kelenske joined us and we had a very good discussion about moving forward with the creation of the Flint Water Crisis Agency Coordinating Committee (FIACC). Tim Becker and Captain Kelenske provided me with a fair amount of input. I also read the City of Flint Incident Action Plan for a State of Emergency which Chris received today (enclosed for those who wish to read it as well). I have distilled all of this into a two page plan that I want your edits and comments on and a one page organizational chart (now presented in the "governor's colors" according to our fine people in Communications). Spoiler alert—I made Captain Kelenske Vice Chair of the whole shebang (with the Colonel's blessing) so Harvey wouldn't get lonely.

Here is my ask of you:

1) Within 24 (sooner if you can) hours give me your comments and input
2) Tomorrow I will turn around a final document for Jarrod to review with the Governor either New Year's Day or Saturday
3) Ideally, Governor will approve Harvey sending it to Mayor Weaver Saturday (Sunday latest)
4) Mayor needs to know that this is what the Governor wishes to discuss at the meeting January 7 along with financial resources that we still need some estimates on cost from DHHS for
5) Meegan and Dave need to noodle how best to get out front with this and change the narrative focus on Monday's Genesee County declaration of emergency

I know we are all working way too hard for what should be a rest and recharge period but I do appreciate everyone's efforts and I know the Boss really does as well.

Regards,

Rich

A Proposal to Create the Flint Water Inter-Agency Coordinating Committee (FIACC)

In collaboration with the Flint After-Action Task Force, MSP Captain Chris Kelenske, DHHS Chief Deputy Tim Becker and DHHS Director Nick Lyon, Harvey Hollins and Rich Baird are recommending the immediate creation of the above referenced entity, with its sustained role and responsibility enabled under the Governor's Executive Order.

Statement of Need

Due to a combination of resource constraints, inexperienced personnel, "silo" bureaucratic processes and reactionary approaches to immediate problems, there is a nearly complete lack of coordination, communication, and connected management amongst all the departments and stakeholders who must work together to ensure Flint's return to clean, safe water and to coordinate mid and long term efforts to mitigate and address future health and behavioral consequences from lead ingestion. This group MUST be stood up regardless of whether (or when) the conditions required for a declaration of emergency are met by the City, County, State or Federal authorizers. This coordinating body must include:

- The creation of a routine information process between all parties.
- Pursuit of other avenues of funding including federal grants and legislative appropriations.
- While the Emergency Management Act or the Stafford Disaster Relief and Emergency Assistance Act may be mechanisms to fix the issues in Flint, portions of the Emergency Management Act outlining management of events are applicable and should be implemented without delay (e.g. Local emergency operations plans/emergency operations guides as well as emergency operations support plans).

Action Plan and Establishing the FIACCC

It appears that a request for a Governor's declaration may be from the county as soon as January 4, 2016. The state's Emergency Coordinator (Capt. Kelenske) will evaluate the request and provide a recommendation whether to issue a declaration, following established protocol and due diligence. But immediately, we will:

1. Establish an interagency workgroup Chaired and Vice-Chaired by Harvey Hollins and Chris Kelenske, respectively, and be comprised of DHHS, MDEQ, MSP, Treasury, Genesee County, City of Flint, MDE, LARA and external Subject Matter Experts (SMEs). Civil Rights may be added at a later time. If additional agencies/stakeholders who can assist with accomplishing the action plan are needed, they will be added. Personnel must be goal oriented, transparent with findings and measures of progress, and able to work toward accomplishing the Incident Action Plan created by the state in a timely manner. A draft Organization Chart is attached under separate cover.
2. This body should be created by Executive Order and it must complement and not replace the current system under the Emergency Management Act. In fact, it should demonstrate how to best leverage support where existing laws fall short under a man-made emergency.
3. Utilize the National Incident Management System and Unified/Incident Command as appropriate.
4. Establish routine communications protocols at the operational, executive, and legislative levels as determined appropriate.
5. Establish interagency workgroup objectives using the following as a starting point.

Interagency Workgroup Objectives

1. Determine and convey acceptable standards for potable water.

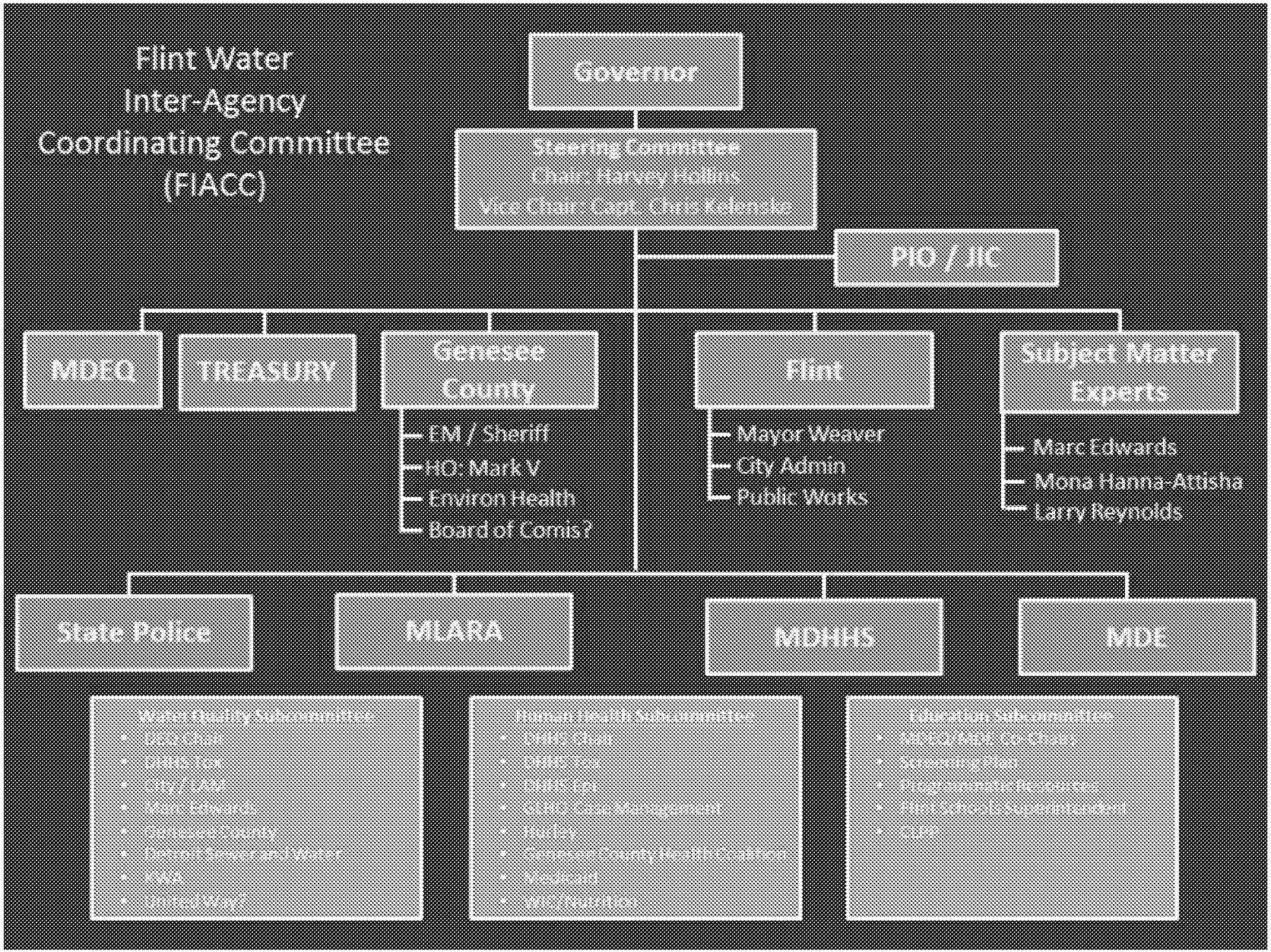
- Identify needed remediation.
- Convey the remediation plan objectives to all stakeholders and interested parties.
- Logistics plan for distribution and serving homebound citizens with water and filtration
- Implement the plan.

2. Determine health impacts for the impacted population.
    - Identify treatment methods.
    - Nutrition education and support
    - Coping with lead exposure (care, monitoring, neurodevelopmental screening, access to DBP specialists, psychologists/psychiatrists, expanded county services, etc.)
    - Convey the treatment plan objectives to interested parties.
    - Implement the plan.
3. Establish a public information protocol to effectively inform the community of the situation and actions taken.
    - Identify existing Public Information outlets within the city, county, and state.
    - Establish a Joint Information Center
    - Provide for Emergency Alerts and Updates
    - Leverage public and private education schools
    - Determine official information flow and approval of information.
    - Convey to interested parties.
4. Assess the status of the infrastructure and determine feasible actions to upgrade the water system.
    - Determine current state of the infrastructure.
    - Develop priorities, costs, and potential funding sources for infrastructure upgrades as part of a long term recovery plan.
    - Seek partners to assist (NGOs, Foundations, Business, etc.)
    - Implement the plan.

<u>Final Thoughts</u>

After the team provides input to this document, I would ask that Governor Snyder review and approve the approach, authorize Harvey Hollins to get the plan to Mayor Weaver no later than this weekend, and then proactively communicate the plan regardless of whether we get an Emergency declaration or not.

Also, we do believe setting up an Emergency Command Center which requires 24/7 staffing is sensible until AFTER Genesee County has demonstrated they did all they could and couldn't solve the problem. That is what is required under the law.


Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
Steering Committee
Chair: Harvey Hollins
Vice Chair: Capt. Chris Kelenske
PIO / JIC
MDEQ
TREASURY
Genesee County
FM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna-Attisha
Larry Reynolds
State Police
MLARA
MDHHS
MDE

CITY OF FLINT

INCIDENT ACTION PLAN

STATE OF EMERGENCY

Objectives:

To provide short term relief and long term solutions in addressing the man-made emergency of increased lead levels in the City of Flint (the "City") water system resulting from the switch to Flint River as the City's water source as well as the threat to public health related to elevated blood lead levels in Flint residents, without interruption of the provision of public safety and other essential public services. Due to the fluidic nature of emergencies and the complexity of the City of Flint's declared emergency, this plan serves as a framework and may be altered as the emergency develops.

The Response Framework

The purpose of this plan is to organize efforts on behalf of the city to assess the extent of the City's infrastructure needs and risks to public health, provide immediate relief to those who are at risk, and establish long term solutions. In addition, the city must ascertain what immediate relief and long term solutions the City is capable of implementing based on what resources are available. For any activities that are beyond the resource capacity of the City, external sources of funding, supplies, and manpower must be sought.

There are a number of steps that must be taken in accordance with the Flint Emergency Support Operations Plan (SEOP), in order for the City to be compliant with the Genesee County Emergency Action Guidelines. These include the activation of the Incident Management Team, the Emergency Operation Center, and the sharing of essential documents with the County, including this plan. Information must also be shared by the City's Public Information Officer on a regular basis, as required by the SEOP.

This plan calls for the provision of immediate relief to those at risk in our community. Special consideration must be given to residents who belong to underserved groups, such as those who are homebound, undocumented, in poverty, etc. Additional consideration must also be given to the equitable provision of services throughout our community in order to equally protect the health and safety of every member of our community.

Implementation of this plan is to be conducted by the Incident Management Team, which will monitor the effective delivery of goods and services in order to address the conditions of the emergency.

Understanding the Issue:

October 1, 2015, the Genesee County Health Department issued a Public Health Emergency after elevated blood-lead levels were found among children in the City of Flint. This incident correlates with elevated levels of lead found in the City's drinking water after the City switched water sources in April of

2014 to the Flint River. The scope of this problem appears to be limited to Flint City Water Customers and their dependents. Public agencies from several levels of government, as well as charitable, nonprofit organizations have partnered with the City to provide immediate relief to Flint residents, including the expansion of health services, the provision of bottled water and NSF rated water filters. The city is also seeking long term infrastructure improvements to eliminate lead and other contaminants from the water system.

Gov. Rick Snyder appointed a task force to review "actions regarding water use and testing in Flint" and to make recommendations for future guidelines: Members of the state task force are Ken Sikkema of Public Sector Consultants, Chris Kolb of the Michigan Environmental Council, Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center.

In an effort to halt the further escalation of this crisis, the City returned to receiving its water from the Detroit Water and Sewerage Department (DWSD) on October 16, 2015. Since that time, additional corrosion control program has started, estimating a reduction of lead levels over the next six months. In light of these efforts, concerns surrounding the quality of water and health of the residents persist to the point that Mayor Karen Weaver declared a State of Emergency on December 14, 2015 so as to resolve this crisis once and for all.

The current challenge facing the City is providing immediate relief and long term solutions of the quality of the water and health of residents while the City remains in a financially critical condition. It is hoped and expected that higher levels of government recognize this emergency as it pertains to the condition of the City's infrastructure and health of its residents, and do all things necessary to assist the City in the provision of relief and the execution of capital improvement projects that will eliminate the causes of this emergency.

Enhancing Understanding:

Information Collection

Essential Elements of Information (EEIs) can be qualified as the City's water tests containing lead results, the verification of lead water lines (both public and private), and health information. Water testing is performed by the City's water plant in cooperation with the MDEQ. The verification of lead water lines is being handled by University of Michigan Flint, who is currently digitizing the City's water line information and PSI Engineering, who is initiating the effort to verify lead lines by excavating an initial 150 residential lines. This information allows the Incident Management Team to assess the current condition of the emergency by way of determining the water quality and the condition of the water distribution infrastructure.

Information Analysis

The City has sought partners to assist in the analysis and attenuation of complex data. Wayne State University's center for Urban Studies has agreed to assist the City in its efforts to document and track lead water lines, water test results, and filter distribution with geographic information system (GIS) technology. This allows for easily updateable, digestible information to be presented to officials.

Assessment of Impacts

The City will need assistance in determining the total cost of damage done to the public health and infrastructure. As of now, only portions of this damage are visible.

PSI is providing some assistance by excavating 150 residential water lines to verify that they are comprised of lead. This is an initial step, but not enough. More resources will be needed to continue this process.

Continuous Situational Awareness

It is important that the Emergency Management Team receive continuous information regarding water testing results, lead water line numbers, and filter distribution information in order to gain a realistic and current perspective. Much of his information is currently available on the City's website (cityofflint.com) and more is added each week by the PIO team.

Actions taken in Response to the Emergency

Activation of the Incident Management Team

Upon the declaration of Emergency by Mayor Weaver, the Support Emergency Operations Plan (SEOP) was activated. The SEOP calls upon the Incident Management Team to generate the Incident Action Plan (IAP. Each member of this team serves a specific function as it relates to addressing the causes and effects of the emergency. The Emergency Management Team roster can be found in the SEOP on page 3, with a list of alternates on page 4 in case the need for succession arises.

Emergency Operations Center

The Emergency Operations Center (EOC) must be activated upon the declaration of a State of Emergency by the Mayor. This center is required by the SEOP and serves as a nerve center for the Incident Management Team. Here, emergency relief efforts are coordinated by key members of the Incident Management Team. In this case, these relief efforts consist of the distribution of water filters at

City Hall and community events, the distribution of bottled water throughout the city in conjunction with the efforts of community partners, and assisting with the circulation of water testing kits throughout the community. The EOC will also be monitoring and managing the inventory of relief supplies, such as water filters and bottled water.

According to the SEOP, the EOC must establish an incident tracking system. This system will serve as a work plan for the management of the emergency. In addition, it is essential that the IMT record water testing results, lead water line location information, and information about the distribution of water filters and bottled water all in one place so that information is readily available for the Incident Management Team. This information will also be sent out to the public and media in the form of daily regular updates by the City's PIO.

Communication

The EOC maintains a telephone system that exists to intake questions about relief efforts and to organize relief logistics. It is open from 8am to 5pm, Monday through Friday. A voicemail system and eventual email system will exist to handle requests and inquiries that occur outside of the normal operating hours. This system will be constructed by the City's IS department.

Public Awareness and Education

1. **Emergency Alerts and Updates:**
   The City's Public Information Officer will make available information as it relates to the emergency in the form of press releases, emails, and physical documents. Daily updates containing information on the distribution of water filters, bottled water, water testing, blood lead testing, and other relief efforts will be available on the City's website for the public to view. Information will be available at City Hall for residents.

2. **Joint Information Center:**
   The City's PIO will establish a joint Information Center that is organized to coordinate the efforts of multiple agencies to communicate with the public. This includes the circulation of joint press releases, public health information, educational materials, and updates relating to the State of Emergency. This committee is comprised of public information officers and public relations personnel to coordinate efforts to keep the public updated and informed. Regular updates to the media regarding events and progress will be made as news develops.

   The US EPA has offered assistance in the form of Public Information support. Additional support in this area has been provided by the Michigan State Police.

3. **Education:**
   Many government agencies and philanthropic organizations are already distributing information regarding the effects of lead on public health. It is important that the City assist in these efforts so vital information and knowledge is presented to all members of the community. The goal is to continue to eliminate misunderstandings and incorrect information as it relates to reducing lead in drinking water, pursuing medical help, and maintaining a healthy diet to reduce lead absorption in the body. Lead education is currently being performed by the Genesee County Health Department, the Michigan Department of Health and Human Services and Medical community at-large.

Assessment of Social Needs

In order to effectively and equitably provide immediate relief to Flint water customers, the City must take into account many of the socio-economic needs and limitations of the community. Some residents cannot get to City Hall for a water filter. Some residents do not have internet access. Literacy or a language barrier may also pose significant obstacles to the effective distribution of educational information and relief to those in need. These will be continuing challenges facing the community. At present these are the resources the City has available to mitigate some of those challenges.

Logistics

Logistics are being coordinated by the City Emergency Management Team's City's *Chief Logistics Officer*, who is the City Administrator. The CLO is responsible for the coordination, procurement, and transportation of goods and services, which is essential for effective implementation of the response plan.

Fixed Distribution Points

There are several locations throughout the city where residents may acquire a water filter. These locations are:

Flint City Hall
1101 South Saginaw, Flint MI 48502

Genesee County Community Action Resource Department (GCCARD)
601 North Saginaw, Flint MI 48502
and
2727 Lippencott Blvd, Flint MI 48507

Michigan Department of Health and Human Services
4809 Clio Road, Flint MI 48504
and
125 E. Union Street, Flint, MI 48502

Activation of Ward Distribution Centers

Each of the nine wards will have activated distribution centers that are primarily managed by City Council Members or their designees.

Flint City Council – Water Distribution Sites

WARD	COUNCILPERSON	LOCATION	ADDRESS
1	Eric Mays	Hasselbring Senior Center	1002 W. Home Avenue
2	Jackie Poplar	Joy Tabernacle Church	2505 N. Chevrolet Avenue
3	Kerry Nelson	Antioch Baptist Church	1083 E. Stewart Avenue
4	Joshua Freeman	Flint Fire Station No. 5	3402 Western Road
5	Wantwaz Davis	Doyle/Ryder Elementary School	1040 N. Saginaw Street
6	Herbert Winfrey	New Community Baptist Church	1375 Lavender Avenue
7	Monica Galloway	Brennan Community Center	1301 Pingree Avenue
8	Vicki VanBuren	Flint Southwestern Academy	1420 W. 12th Street
9	Scott Kincaid	Dort Mall Police Service Station	3600 S. Dort Highway

Mobile Distribution Centers

With the help of transportation agencies, like the Metro Transit Authority (MTA), meals on wheels, and GCCARD, the city can help establish mobile distribution centers and delivery systems that can provide water filters, bottled water, and nutritious foods, among other types of relief accompanied by educational materials to neighborhoods and to homes of people who experience limited mobility.

- Mass Transportation Authority-MTA bus passes: Assisting residents with bus passes to improve their mobility will increase their chances of receiving help. Transportation services will also improve residents' access to medical care.
- MTA-Your Ride mobile distribution:
    - Estimated Costs: $25 per hour to deliver water and filters to homes throughout the City.

Problem 1. Public Health Emergency

The first objective in addressing this emergency is reducing, and eventually eliminating, the danger to public health. As City water coming out of faucets continue to contain lead, and copper and other

harmful contaminants exceeding government guidelines and regulations, it poses a risk to the people of our community. Preventative measures must be taken to avoid the effects of toxicosis that are difficult if not impossible to completely reverse.

As far as preventative measures are concerned, education, water filters, and bottled water must be provided to every household in the City in order to reduce the chances of lead exposure, especially to our most vulnerable members of the community. If lead exposure has occurred, resulting in elevated blood lead levels, immediate and sustained medical attention must be available to those affected. Health services must be expanded in the area to accommodate increased numbers of case loads and specialized care regarding lead poisoning and its effects.

Immediate Relief for Public Health:

1. Prevention: Education, water filters and replacement cartridges, free water testing, and bottled water must be available to everyone.
2. Access to nutritious food that reduces the risks of lead absorption by the body. The City can coordinate activities with the County Health Department

Long Term Solutions: Maintaining Public Health and Coping with Lead Exposure

1. Work closely with the Genesee County Health Department and Michigan Department of Health and Human Services in order to provide sustainable care and monitoring of children exposed to lead. This care must be available for them for several years-preferably several decades.
2. Support and education for primary care providers regarding aggressive long-term neurodevelopmental screening and testing.
3. Improved access to developmental and behavioral (DBP) specialists, pediatric psychologists, pediatric psychiatrists.
    a. Pre-emptive referral to mental health/ toxic stress screenings.
    b. Support capacity building and or incentivize recruitment to allow Genesee health system (CMH) to build this capacity which is currently needed and lacking.
4. Increase recognition and education regarding trauma informed care, social determinants of health (SDOH).
5. Expand State funded Genesee Health System (CMH) services.
    a. Infant mental health (30 day capacity)
    b. Child case management
    c. Home based services
    d. Trauma informed care- trauma focused CBT

Problem 2. Lead Contamination in the Water

Immediate Relief:

1. Education, water filters and replacement cartridges, free water testing for water customers, and bottled water must be available to everyone. Water filters can be obtained at any of the fixed distribution points throughout the City.
2. Identification and verification of lead water service lines throughout the city- both public and private.
3. Assistance to identify lead pipes within buildings and homes.

Distribution of Bottled Water:
At this point, we are directing all offers for donations to the Food Bank of Eastern Michigan. It is imperative that water be accessible to all members of the community through a variety of distribution channels. These channels are explained in the Logistics Section of this plan.

Distribution of Test Bottles:
Water testing kits can be picked up at City Hall with instructions. Test results are posted on the City's website to raise public awareness and encourage more participation.

Long term Solutions: Capital Improvements Needs
The distribution of filters, water, and food to counter the effects of lead are essential response efforts to keep people safe. However, long term solutions are required to keep people healthy, to eliminate lead from the public and private water distribution system distribution, and to provide affordable clean water. Our public infrastructure and utilities must be reliable, sustainable, and equitable in order for this community to rebound after this emergency. The following long term solutions must be implemented in order to set the City of Flint on a course for recovery. These solutions come at a heavy cost for a City that is currently in receivership. The City has experienced financial distress due to this Emergency, in addition to a two million dollar loss from switching back to DWSD. The City has diligently applied for Fiscally Distressed Cities, Villages, and Townships, Grant in order to supplement funding for capital improvement projects. It is essential that these grants be awarded in order to achieve long term solutions.

1. COMPLETE **Transition to a Temporary Safe Water Source until the Completion of KWA:**
   This has already occurred. On October 16, 2015, Flint returned to receiving its water from DWSD on a 9 month agreement. This agreement will expire in June 2016, when the KWA is projected to be complete. The City had to pay $2 million out of its general fund to make this switch.

2. IN PROGRESS **Additional Corrosion Control added to the Water System:**

This is already occurring. In early December, 2015, Flint began to add additional corrosion control to the water coming in from DWSD in attempts to rebuild the protective scale inside its pipes. This is estimated to reduce lead levels in two to six months.

3. **Faucet Replacement:**
   Replacement of Water faucets, and drinking fountains in the school system. It has been determined after state inspections that many sources of lead contamination in the School System's water were the faucets themselves. These faucets need to be replaced.

4. **Water Line Replacement:**
   Water Line Replacement to reduce antiquated infrastructure and lead service lines. These lines must be identified, verified, and replaced. Residents who are facing financial hardships must have access to assistance to cover the costs of these replacements through access to grants and (forgivable) loans made available through State and Federal agencies. The corrosion damage to public and private lines that Flint River water caused is still being determined.
   - Replacement of an estimated fifteen thousand (15,000) lead service lines at an estimated cost of three thousand dollars ($3,000) per line. Total costs forty –five million dollars ($45,000,000). This project is estimated to be one of the most cost-intensive endeavors related to ameliorating water contaminants.

5. **Reimbursement of Critical Expenditures:**
   Seeking reimbursement of two million dollar cost of returning to DWSD and forgiveness of Water Revolving Loan Debt from the State of Michigan.

6. **KWA Capital Improvements**: The City has reconnected to Detroit temporarily until a water line from Port Huron is developed. The new water line known as the KWA pipeline or Karegnondi Water Authority is expected to bring water to the City from Lake Huron by July. The current cost agreement between Flint and DWSD is for nine months, therefore it is imperative that KWA be completed as soon as possible. Assistance relating to capital improvements to expedite this process will help to achieve long term goals.

KWA Capital Improvements:	**Estimated Costs:**
a. Transfer Station to Dort Reservoir	*$4,500,000*
b. Raw water line to pump station #4	*$636,000*
c. Phosphoric acid feed system	*$186,000*
d. Alum Feed system	*$40,000*
e. Post filtration system	*$387,289*

f.	*SCADA Upgrades*	*$424,000*
g.	*Sewer Relining*	*$100,000*
	Total	***$6,273,289***

Ancillary Considerations: Public Safety during an Emergency

During a time of emergency public safety agencies need to be prepared to respond to threats to public safety and critical infrastructure. The City is facing a man-made emergency that is threatening the public health. Resentment and hostility toward local institutions and municipal government is at a significant level.

Critical infrastructure should be safeguarded if the need arises. This includes increasing security at City Hall to reduce potential for public safety risks. In the case of credible threats to public infrastructure, it may be required to hire private security company for first line of defense. Private Security is lower cost, thereby making it the first option. The minimum response is acted upon first, elevating only if the need arises. Credible or imminent threats of damage or destruction to critical infrastructure requires an elevated response. Such needs may require over-time police officers to address critical situations. Mutual aid from surrounding communities can be requested if Flint public safety is overextended.

Implementation:

Community Partners

Financial limitations of the city persist while it confronts this emergency. Many community partners have offered their assistance to perform various needed functions. The city is heavily reliant on the assistance that government agencies and nonprofit organizations have provided.

The Mott Foundation

The Mott Foundation has provided financial assistance, especially in their generous contribution of $4 million. In addition, the Mott Foundation has recently pledged an additional

United Way

The Genesee County United Way has provided significant financial assistance in the way of purchasing and helping to distribute water filters since the public health emergency began on October 1st, 2015.

Genesee County Community Action Resources Department (GCCARD)

GCCARD is organized to fight poverty and has been a primary partner in the distribution of water filters. It has also regularly supported the city with the logistics and availability of water filters at City Hall.

Genesee County Health Department

Has provided educational information to Flint Water customers

Genesee County Board of Commissioners

The Board of Commissioners have pledged their support to help Flint seek solutions to this crisis. The Board has already assisted in making health and nutrition information available to the public.

Assistance from Wayne State University

Wayne State University's Center for Urban Studies will be providing technical GIS support to assist in the documentation of emergency relief efforts.

The US Environmental Protection Agency

Region 5 EPA has offered assistance with Public Information distribution during the emergency.

Outside Help is still needed…

The City of Flint is forever thankful to our community partners who have given so much to help so many people. However the magnitude of this emergency calls for more resources that are beyond the capacity of the combined local organizations and government agencies. Long term solutions will require a heavy investment in health care and capital improvement projects to upgrade the city's antiquated water distribution system.

- Help with Immediate Relief in terms of assuring allocative efficiency. Distribution should be equitable- assistance from other governments required to assure this.
- Reaching communities for the distribution of water filters, water, and educational materials.
- Help with Water Testing to increase participation and lead education.
- Increasing the rate of water testing
- Assistance is required to fund essential capital improvement projects to guarantee clean and safe water.

From: ken. hreha <kjhreha@hotmail.com>
Sent: Sunday, December 13, 2015 6:23 AM
To: letters@freepress.com
Cc: bdickerson@freepress.com; nkaffer@freepress.com; riley@freepress.com; rmhuschka@freepress.com; Scott, Allison (GOV); Wurfel, Sara (GOV); cstokes@wxyz.com
Subject: Re: Michigan Gov. Rick Snyder: Donald Trump does not speak for me

Detroit Free Press,
Letters page;

Re: Michigan Gov. Rick Snyder: Donald Trump does not speak for me

In a long-winded and elaborative opinion by Gov. Rick Snyder in weakly defending a temporary ban on Syrian immigrants, the governor claims is responsible for "keeping Michigan citizens safe " and his actions are dissimilar to the political rhetoric of Donald Trump.

Donald Trump sure may not speak for Gov. Snyder on the Syrian immigrant issue, but the record shows Michigan's sitting governor doesn't always prioritize "keeping Michigan citizens safe "as evident when his administration signed off on forcing Flint residents off the City of Detroit water supply and then switching residents to the poisonous, lead contaminated water supply and causing little children, a majority whom are African American, to have high lead contents in their little bodies.

Gov. Snyder should be ashamed for the bad water health hazard crisis in Flint that his administration is responsible for enacting, there should be no doubt that he followed the same actions as what Donald Trump would do if he were to be elected U.S. president.

Fact: Gov. Snyder didn't prioritize in keeping Flint residents safe when it came time to protect and keep all Michigan citizens and signed off of delivering poisonous, lead contaminated water into their kitchen sinks.

Kenneth Hreha
Dryden, Mi.

From: Helen Taylor <htaylor@TNC.ORG>
Sent: Friday, October 02, 2015 10:06 AM
To: Scott, Allison (GOV)
Cc: Wyant, Dan (DEQ)
Subject: Mott foundation wants to talk to the Governor

Importance: High

Allison—
I just got a call from Ridgway White, President of the C.S. Mott Foundation, and he wants to speak to the Governor about the Flint water supply issue. I am sure you know who they are, but to be sure, Ridgway kayaked with Rick on the Two Hearted, they put tens of millions into Flint every year, are based there, and likely to be willing to help resolve the problem.
He wasn't sure who to call to get that call scheduled, I told him I would do that through you, and he wanted to call you right away. I wanted to give you a heads up so you take the call. It would be wise for the Governor to this.
So you recognize the call and email when it comes in, his contact info is: rwhite@mott.org PPI
I also reminded him that Dan is a key person in this and am giving him Dan's info, but it is clear that he wants to talk to the Governor.

I'll call your cell to be sure you see this—I think he is hoping to connect today. Let me know if you receive this and I hope it is ok to give Ridgway your info? Yes? Helen

Helen Taylor
State Director, Michigan
Great Lakes Project Board of Directors

htaylor@tnc.org
(517) 316-2261 (Office)
PPI (Mobile)
(517) 316-9886 (Fax)

nature.org

The Nature Conservancy
101 E. Grand River Avenue
Lansing, MI 48906

The Nature Conservancy
Protecting nature. Preserving life.

From: Helen Taylor <htaylor@TNC.ORG>
Sent: Friday, October 02, 2015 10:48 AM
To: Ridgway White (rwhite@mott.org)
Cc: Scott, Allison (GOV); Wyant, Dan (DEQ)
Subject: contacting the Governor

Importance: High

Ridgway—
I connected with Allison Scott, the governor's personal asst. about your interest in connecting about the Flint water issues and gave her your contact info and here is hers. She will make it happen, the challenge is that today he is flying, so it may need to be Monday, but she'll take it from here.
Allison's email is above, I am copying her. Her cell is: PPI

I think Sam may also be providing Dan Wyant's contact info already, but just in case, he is copied here above, and his cell is: PPI

Call me again if you need anything else, Helen

Helen Taylor
State Director, Michigan
Great Lakes Project Board of Directors

htaylor@tnc.org
(517) 316-2261 (Office)
PPI (Mobile)
(517) 316-9886 (Fax)

nature.org

The Nature Conservancy
101 E. Grand River Avenue
Lansing, MI 48906

The Nature Conservancy
Protecting nature. Preserving life.

From: Lisa Wozniak <info@michiganlcv.org>
Sent: Saturday, October 10, 2015 10:59 AM
To: Scott, Allison (GOV)
Subject: Flint Water Crisis

Allison -

If you are outraged over our state government's response to the water crisis in Flint, I am right there with you.

The water crisis in Flint is a national disgrace and an abject failure of leadership. **Children and families are sick and elected officials in Lansing are responsible.**

In Michigan—a state surrounded by 80% of our nation's fresh water—communities have every right to believe that their drinking water is clean and safe. Instead, the citizens of one of our oldest urban centers have been poisoned by their tap water.

Recent water testing found water fountains in multiple elementary schools in Flint with lead levels higher than national safety standards. **One Flint elementary school even has levels approaching seven times the national maximum level for lead.**

Governor Rick Snyder has not yet said these words, but one thing is very clear: he and his administration made some huge mistakes.

When the Michigan Department of Environmental Quality (DEQ) said in July, "…Anyone who is concerned about lead in the drinking water in Flint can relax," state officials brushed off a public health crisis that has gone on tocause irreparable damage.

Governor Snyder's recent call to reconnect Flint to Detroit water is the right thing to do, but it comes too late for the infants, children and pregnant women who've been unknowingly ingesting lead just by drinking their water.

Lead poisoning is irreversible, causing developmental damage, learning difficulties and much more. **That this has happened to potentially thousands of Michigan kids is unconscionable.**

Our state government is responsible for ensuring that safe, clean water is accessible to all—a seemingly basic task in the Great Lakes state. **In Flint, they failed.**

As a result, families will be dealing with the effects of poisoned water for years to come.

While there is no way to make up for the bad decisions and cover-up comments made to date, it is imperative that the state view the water pollution crisis in Flint as requiring both short-term and

long-term solutions. Flint families will be dealing with the repercussions of poisoned water for years to come.

Governor Snyder and his administration must certainly repair critical water infrastructure, but they must also help heal the ailing residents of the city, and restore the public trust that has understandably eroded. What happened in Flint could happen in countless other cities in Michigan relying on aging water infrastructure.

It is time for Governor Snyder to take full responsibility for the Flint water crisis while also taking pro-active steps to ensure that this kind of public health crisis never happens again in Flint or anywhere else in the state of Michigan. This will mean much-needed investment and policy changes at both the state and federal levels, which will necessitate leadership and determination.

As a Michigan LCV member, you understand that whom we elect matters. You and your fellow members also understand that, once elected, our decision-makers must be held accountable for their actions—for protecting our air and land and ensuring that every Michigan citizen has access to clean, safe drinking water.

In this time of true water crisis, our work is more important than ever as we keep a close eye on the words, decisions and actions coming out of Lansing. Your support makes this possible. Thank you.

Sincerely yours,

Lisa Wozniak

Executive Director, Michigan LCV

Update Your Profile
To Unsubscribe Click Here

3029 Miller Road
Ann Arbor, MI 48103
734-222-9650

nonprofit software

From: Scott, Allison (GOV)
Sent: Monday, November 30, 2015 12:58 PM
To: Wisniewski, Wendy (GOV) (wisniewskiw@michigan.gov)
Subject: FW: Some COS items
Attachments: COS Items 151130.docx

From: Snyder, Rick (GOV)
Sent: Monday, November 30, 2015 12:46 PM
To: Scott, Allison (GOV) <scotta12@michigan.gov>
Subject: Some COS items

Please include the attached.

Thanks
Rick

COS Items
November 30, 2015

1.
2.
3.

Not Responsive

4.
5.
6.
7. Flint Water
8. **Not Responsive**

From: Dillon, Andy (Treasury)
Sent: Sunday, March 17, 2013 5:14 PM
To: Snyder, PPI Muchmore, Dennis (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury); Roberts, John (DTMB)
Subject: Fwd: March Treasurer's Governor's Memorandum
Attachments: Treasurer's Governor's Memorandum 3-15-13.docm

Governor,

Not Responsive

Flint summary says no near term exit despite Governor and Mayor's contrary wishes. I will dig into this more deeply and report back. KWA misrepresented based on my mtg w engineering firm this week. Report I got is that Flint should stay w DWSD.

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Regards,

Andy

Sent from my iPad

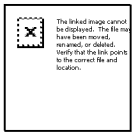
Begin forwarded message:

From: "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>
Date: March 15, 2013 9:07:04 AM EDT
To: "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
Subject: March Treasurer's Governor's Memorandum

Final version attached w/o dashboards.

Edward B. Koryzno, Jr. | Administrator - Office of Fiscal Responsibility

State of Michigan | 430 W. Allegan Street, 1st Floor | Lansing, MI 48922



(517) 373-4415 | (517) 373-0633 (fax)

KoryznoE@michigan.gov

Think Green! Don't print this e-mail unless you need to.

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Thank you

3500 (Rev. 01-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

DATE: March 15, 2013

TO: Governor Rick Snyder

FROM: Andy Dillon, State Treasurer

SUBJECT: Status of Financially Distressed Local Governments

	FEBRUARY			JANUARY		
	Cities			Cities		
EM/EFM	5			5		
Consent Agreement	3			3		
Watch List	5			5		

Per your request, this memorandum summarizes the status of selected financially distressed units of local government. The following units of local government now are subject to Public Act 72 of 1990, the Local Government Fiscal Responsibility Act.

GENERAL ISSUES

Not Responsive

Not Responsive

EMERGENCY MANAGER – Cities

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

City of Flint

- Not Responsive
- Not Responsive

- Update: The City of Flint has been participating with Genesee County on the feasibility of the City's use of a planned water pipe line from Lake Huron that would serve a large portion of Genesee County as an alternative to water supplied by DWSD. An engineering firm selected by Treasury to conduct an independent evaluation of Flint's choices for water supply presented their findings on December 18th. This is a critical long-term decision for Flint and the region. The economics show that but for the excess cost of DWSD water during the three year construction period of the Karegnondi Water Authority (KWA) pipeline, the City will benefit from lower water costs in the long term by using the KWA water and treating the water in Flint at their own, existing, water treatment plant. A recent proposal shows that with cooperative efforts with the County, those excess costs can be further minimized.

- The Budget for the current fiscal year encompasses both revenue increases and expenditure reductions in an effort to achieve a balanced budget. For example, the budget includes assessments for waste collection, for the operation, maintenance, and improvement of street lights, and a 25 percent increase in water and sewer rates. Voters overwhelmingly approved a 6 mill public safety millage in November that will substantially improve the FY 14 budget. On the expenditure reduction side, the budget reduces the City's workforce by 150 positions (20 percent), and includes employee concessions and a restructuring of employee health care benefits. Retiree health care has been eliminated for future employees. Litigation is pending in federal court to preclude changes to retiree health care. The Emergency Financial Manag-

er estimates that retiree health care costs will increase by $3.5 million during the current fiscal year if he is prevented from implementing the planned changes.

- Not Responsive
- Not Responsive
- The Road Out: This is the first year of the EFM's balanced budget and they are currently on track with the budget. Major remaining issues are resolving public safety staffing and effectiveness; establishing new and cooperative approaches to water and sewer services; funding and maintaining infrastructure; defining and sustaining blight eradication strategies; and funding OPEB liabilities. Treasury will be meeting with Flint's EFM during the next month to develop a timeline for him to exit the local unit.

Not Responsive

Not Responsive

CONSENT AGREEMENT - CITIES

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

LOCAL UNITS OF INTEREST

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

Not Responsive

City of Taylor

Not Responsive

County of Wayne

Not Responsive

Not Responsive

LITIGATION SUMMARY

1. *AFSCME 25, et al* v *Governor, et al.* Not Responsive

Not Responsive

2. *Bland* v *Brown, Kurtz, et al.* Not Responsive

Not Responsive

3. *Brown* v *Snyder.* Not Responsive

Not Responsive

4. *Citizens United Against Corrupt Government, et al* v *City of Detroit, et al.* Not Responsive

Not Responsive

5. *Citizens United Against Corrupt Government,* et al v *Detroit Financial Advisory Board.*

Not Responsive

6. *Citizens United Against Corrupt Government,* et al v *Detroit Financial Review Team.* Not Responsive

Not Responsive

Not Responsive

7. *Coletta et al* v *David Clark et al.* Not Responsive

Not Responsive

8. *Davis* v *Detroit Financial Advisory Board.* Not Responsive

Not Responsive

9. *Davis* v *Detroit Financial Review Team, et al.* Not Responsive

Not Responsive

10. *Davis* v *Highland Park Financial Review Team* Not Responsive

Not Responsive

11. *Davis* v *Parker.* Not Responsive

Not Responsive

12. *Davis* v *Rick Snyder, Michael Flanagan, and Joyce Parker.* Not Responsive

Not Responsive

Not Responsive

13. Davis v Roberts. Not Responsive

Not Responsive

14. *Davis* v *State of Michigan, City of Detroit, et al.* Not Responsive

Not Responsive

15. *DPOA* v City of Detroit. Not Responsive

Not Responsive

16. *DPOA* v *City of Detroit.* Not Responsive

Not Responsive

17. *FPOA* v *City of Flint.* Not Responsive

Not Responsive

18. *Kincaid* v *Kurtz.* Not Responsive

Not Responsive

Not Responsive

19. *NCO Acquisitions, LLC, et al* v *Governor, et al.* Not Responsive

Not Responsive

20. *Roberts* v *Murray, et al, and Detroit Board of Education.* Not Responsive

Not Responsive

21. *Sutton v Brown.* Not Responsive

Not Responsive

22. *Valenti* v *Snyder, et al.* Not Responsive

Not Responsive

23. *Watkins, et al* v *the Governor, State Treasurer, and Attorney General.* Not Responsive

Not Responsive

Not Responsive

24. *Welch et al* v *Brown, Kurtz, et al.* Not Responsive

Not Responsive

From: Scott, Allison (GOV)
Sent: Friday, April 26, 2013 10:29 AM
To: Snyder; **PPI**
Cc: Muchmore, Dennis (GOV); Roberts, John (DTMB)
Subject: FW: DWSD's responses to Flint's Questions
Attachments: DWSD KWA Background.pdf

fyi

From: Matthew Schenk [mailto:schenk@dwsd.org]
Sent: Friday, April 26, 2013 10:25 AM
To: ekurtz; hcroft@cityofflint.com
Cc: orrk; Dillon, Andy (Treasury); jfausone; Nicolette Bateson; Sue McCormick; Scott, Allison (GOV); William Wolfson; Stibitz, Brom (Treasury)
Subject: Fwd: DWSD's responses to Flint's Questions

Mr. Croft and Mr. Kurtz,

Attached is the back-up data that we believe is responsive to your request below. Please keep in mind that the information provided was developed in order to provide Flint with an "apples to apples" comparison of rates between the DWSD and KWA scenarios based upon current rate assumptions under the contract in place through April 2014.

As always, please feel free to call with any questions.

Matt

From: "Howard Croft" <hcroft@cityofflint.com>
To: "Sue McCormick" <mccormick@dwsd.org>
Cc: "Ed Kurtz" <ekurtz@cityofflint.com>
Sent: Thursday, April 25, 2013 2:24:32 PM
Subject: DWSD's responses to Flint's Questions

Good Afternoon Ms. McCormick,

We appreciate your response to our additional questions, Mr. Kurtz would like to know if you could provide a quick summary to the following inquiry.

On page two, in paragraph one, it is stated that "the total Water Utility Costs through 2042 are only $3,215.04 million, or $908.85 million less than the KWA scenario."

We are curious what formula DWSD used to calculate the $908.85 million dollars less than KWA?

We are meeting this afternoon to review your responses and any additional information on this issue would be greatly appreciated.

Thank you,

--
Howard Croft
Director Infrastructure & Development
City of Flint
1101 S. Saginaw Street
Flint, MI 48502
PH# 810.766.7346 Ext.2043

--
Matthew Schenk
Chief Operating Officer/
Chief Compliance Officer
DWSD
City of Detroit
Dave Bing, Mayor
(313) 224-4707

--
Matthew Schenk
Chief Operating Officer/
Chief Compliance Officer
DWSD
City of Detroit
Dave Bing, Mayor
(313) 224-4707

DWSD / KWA Executive Summary Outline

Premise and Approach

- Review most recent audited financial statements to establish baseline water revenues from Flint and Genesee County (GCDC), and how such revenues are applied.
- Estimate how baseline will be impacted under two scenarios
    - Continued purchase of treated water from DWSD
    - Construction of new KWA raw water supply system and treated water supply system for Genesee County and construction of modifications to Flint Water Treatment Plant
- Compare estimated short, mid, and long term financial projections for each scenario

Assumptions – common to both scenarios

- Current application of revenues is most accurately depicted by published audited financial statements for most recently fiscal years
    - FY ended December 31, 2011 for Genesee County Drain Commission (GCDC)
    - FY ended June 30, 2012 for City of Flint
- Most recently audited figures for Flint / Genesse County operating expenses, capital expenses, etc. are representative – inflate at 4.51%, ***consistent with TYJT report***

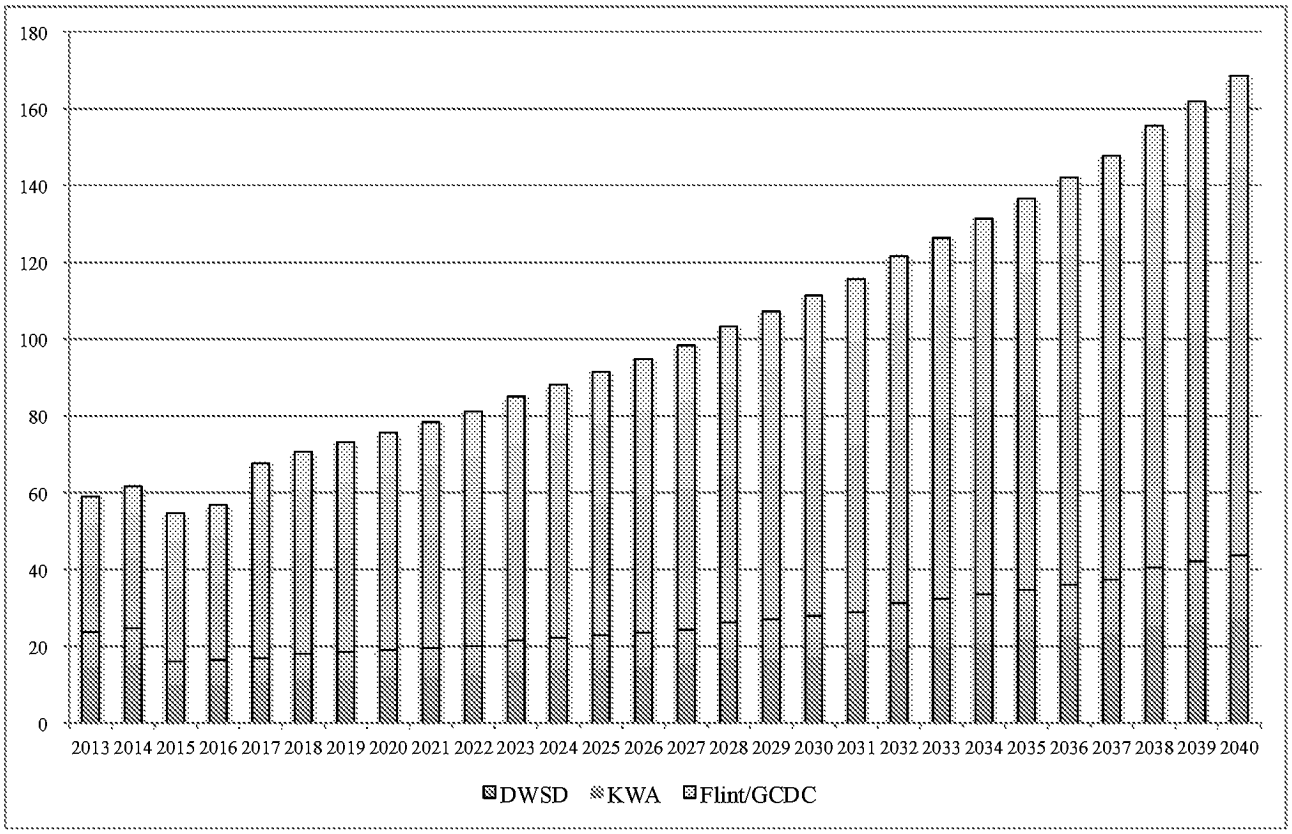
Assumptions – DWSD Scenario

- DWSD water rate schedule
    - DWSD rate structure to Flint / Genesee County is amended to reflect 4/24/2013 DWSD proposal, adjusted to reflect immediate reservation of 60 mgd capacity
    - DWSD rate escalation (for commodity and standby elements) at 4.7%, ***consistent with TYJT Report***

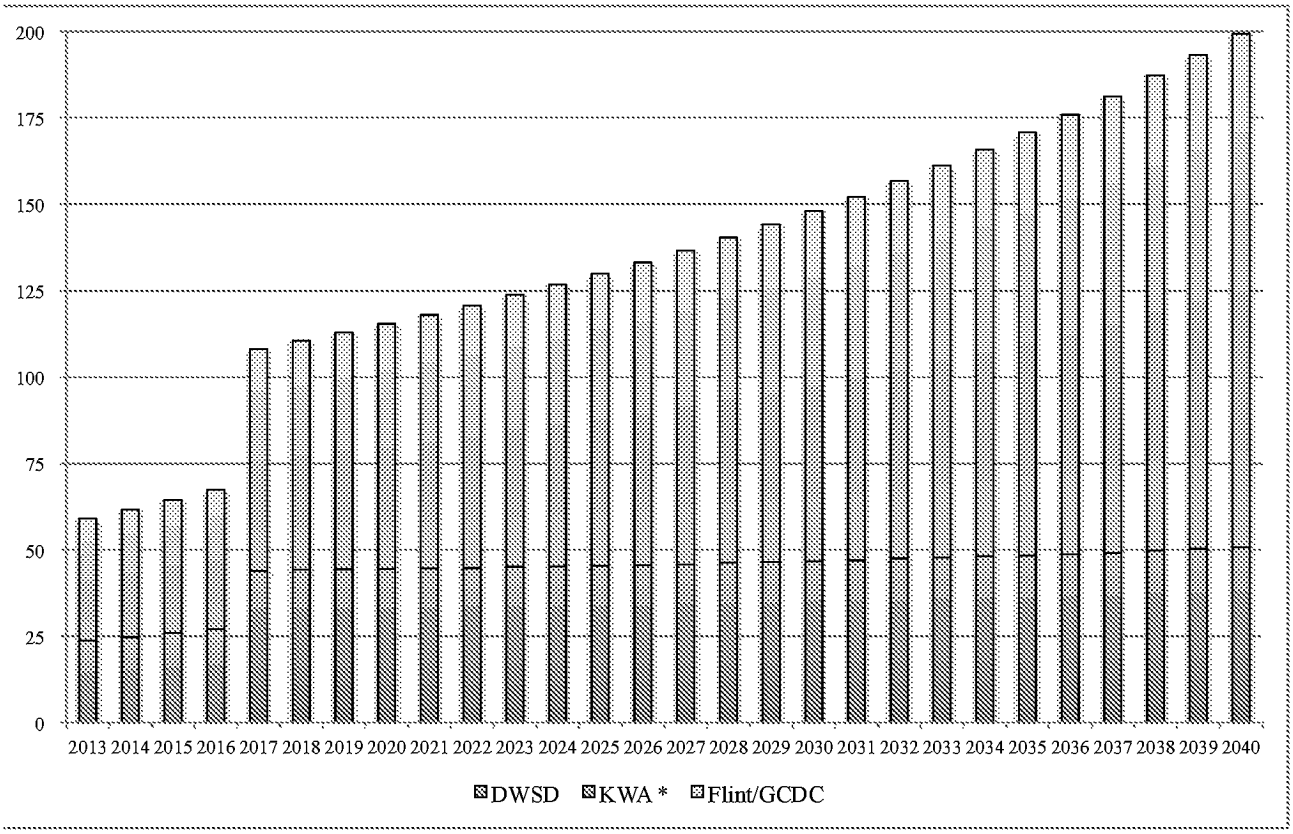
Assumptions – KWA Scenario

- KWA scenario begins in FY 2017, at which time purchased water from DWSD would cease
- Other than normal rate adjustments DWSD does not amend rate structure to Flint / GCDC
- KWA scenario costs
    - KWA Raw Water Pipeline and Appurtenances Construction = $357.58 million, ***consistent with TYJT report***
    - Flint Water Treatment Plant Construction Improvements = $7.1 million, ***consistent with TYJT report***
    - GCDC Water Treatment Plant Construction Improvements = $110 million, ***consistent with 2009 KWA Preliminary Engineering Report***
    - All construction costs are financed in terms set forth in the TYJT Report
        - 3 years of capitalized interest
        - Fully funded bond reserve account
        - Bond issuance expenses at 2.25%
    - In addition, revenues are assumed to need to generate 1.20x coverage of annual debt service
    - Flint Water Treatment Plant Operating costs = $8.27 million starting in 2017, ***consistent with TYJT report***
    - GCDC Water Treatment Plant Operating costs = $1.82 million starting in 2017, ***consistent with unit costs from the 2009 KWA Preliminary Engineering Report***

SUMMARY OF **TOTAL** PROJECTED WATER COSTS TO FLINT/GCDC - **DWSD** SCENARIO *($ millions)*



SUMMARY OF **TOTAL** PROJECTED WATER COSTS TO FLINT/GCDC - **KWA** SCENARIO *($ millions)*



Baseline Figures and Assumptions - DWSD Scenario

	DWSD Water Rate Structure		
	Fixed	Standby	Commodity
2014	738,006	0	13.01
2015	665,100	289,900	3.78

Total Water Service Costs for Flint / Genesee County Drain Commission

Costs of Current Facilities / Operations

	Most Recently Audited FY			Estimated Escalation		Estimated FY 2013 Baseline		
	Flint	GCDC	Combined	Flint	GCDC	Flint	GCDC	Combined
Purchased Water	8,303,710	12,947,738	21,251,448			*9,253,700*	*14,429,000*	23,682,700
Flint WTP	3,239,400	0	3,300,000	4.51%	4.51%	3,538,200	0	3,538,200
Other Operating Costs	12,361,400	5,831,540	18,132,344	4.51%	4.51%	13,501,500	6,369,400	19,804,800
Capital and Other	7,998,426	2,918,625	10,917,051	4.51%	4.51%	8,736,200	3,187,800	11,924,000
Total	31,902,936	21,697,903	53,600,843			35,029,600	23,986,200	58,949,700

Costs of Future Facilities / Operations

Redundant Line - Imlay to Baxter Potter

Cost of Redundant Line	94,680,000	
Issuance Expenses, etc.	2,177,600	
Required Financing	96,857,600	
Finance Rate	5%	
Finance Term	25	
Annual Payment	6,872,300	
Debt Svc Coverage	*125%*	
Annual Revenue Requirement	8,590,400	Start in FY 2017

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **DWSD** SCENARIO

		DWSD Purchased Water Costs							
		Water Purchases		Purchased	Water Rate Structure			Purchased	Total DWSD
		Avg Day	Max Day	Water	Fixed	Standby	Commodity	Water Costs	Costs
		mgd	*mgd*	*Mcf*	*$/mo*	*$/mo*	*$/Mcf*	*$*	*$*
Escalation:					*0.00%*	*4.70%*	*4.70%*		
1	2013	**25.0**	**60.0**	1,219,800	**707,000**	**0**	**12.46**	23,682,700	23,682,700
2	2014	25.0	60.0	1,219,800	**738,006**		**13.01**	24,725,700	24,725,700
3	2015	25.0	60.0	1,219,800	**665,100**	**289,900**	**3.78**	16,070,800	16,070,800
4	2016	25.0	60.0	1,219,800	665,100	303,500	3.96	16,453,600	16,453,600
5	2017	25.0	60.0	1,219,800	665,100	317,800	4.15	16,857,000	16,857,000
6	2018	27.0	60.0	1,317,400	665,100	359,400	4.35	18,024,700	18,024,700
7	2019	27.0	60.0	1,317,400	665,100	376,300	4.55	18,491,000	18,491,000
8	2020	27.0	60.0	1,317,400	665,100	394,000	4.76	18,980,000	18,980,000
9	2021	27.0	60.0	1,317,400	665,100	412,500	4.98	19,491,900	19,491,900
10	2022	27.0	60.0	1,317,400	665,100	431,900	5.21	20,027,700	20,027,700
11	2023	29.0	60.0	1,415,000	665,100	485,700	5.45	21,521,400	21,521,400
12	2024	29.0	60.0	1,415,000	665,100	508,500	5.71	22,162,900	22,162,900
13	2025	29.0	60.0	1,415,000	665,100	532,400	5.98	22,831,700	22,831,700
14	2026	29.0	60.0	1,415,000	665,100	557,400	6.26	23,527,900	23,527,900
15	2027	29.0	60.0	1,415,000	665,100	583,600	6.55	24,252,700	24,252,700
16	2028	31.0	60.0	1,512,600	665,100	653,200	6.86	26,196,000	26,196,000
17	2029	31.0	60.0	1,512,600	665,100	683,900	7.18	27,048,500	27,048,500
18	2030	31.0	60.0	1,512,600	665,100	716,000	7.52	27,948,000	27,948,000
19	2031	31.0	60.0	1,512,600	665,100	749,700	7.87	28,881,800	28,881,800
20	2032	33.0	60.0	1,610,200	665,100	835,600	8.24	31,276,400	31,276,400
21	2033	33.0	60.0	1,610,200	665,100	874,900	8.63	32,376,000	32,376,000
22	2034	33.0	60.0	1,610,200	665,100	916,000	9.04	33,529,400	33,529,400
23	2035	33.0	60.0	1,610,200	665,100	959,100	9.46	34,722,900	34,722,900
24	2036	33.0	60.0	1,610,200	665,100	1,004,200	9.90	35,972,600	35,972,600
25	2037	33.0	60.0	1,610,200	665,100	1,051,400	10.37	37,295,800	37,295,800
26	2038	35.0	60.0	1,707,800	665,100	1,167,500	10.86	40,537,900	40,537,900
27	2039	35.0	60.0	1,707,800	665,100	1,222,400	11.37	42,067,700	42,067,700
28	2040	35.0	60.0	1,707,800	665,100	1,279,900	11.90	43,662,800	43,662,800
29	2041	35.0	60.0	1,707,800	665,100	1,340,100	12.46	45,341,600	45,341,600
30	2042	35.0	60.0	1,707,800	665,100	1,403,100	13.05	47,105,200	47,105,200
	TOTAL			44,011,600	20,067,806	20,409,900		841,064,300	841,064,300

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **DWSD** SCENARIO

		Flint /Gen Co WTP Costs										GRAND
		Direct Capital Recovery				Flint Other	Flint WTP	Total Flint	Gen Co	Total Op	Total Flint/Gen	TOTAL
		Flint	Gen Co		Total	Water Costs	Op Costs	Op Costs	Op Costs	Costs	Co Costs	COSTS
		$	$		$	$	$	$	$	$	$	$
Escalation:		*4.51%*	*4.51%*			*4.51%*	*4.51%*		*4.51%*			
1	2013	8,736,100	3,187,800		11,923,900	**13,501,500**	**3,538,200**	17,039,700	**6,369,400**	23,409,100	35,333,000	**59,015,700**
2	2014	9,130,100	3,331,600		12,461,700	14,110,400	3,697,800	17,808,200	6,656,700	24,464,900	36,926,600	**61,652,300**
3	2015	9,541,900	3,481,900		13,023,800	14,746,800	3,864,600	18,611,400	6,956,900	25,568,300	38,592,100	**54,662,900**
4	2016	9,972,200	3,638,900		13,611,100	15,411,900	4,038,900	19,450,800	7,270,700	26,721,500	40,332,600	**56,786,200**
5	2017	10,421,900	3,803,000	**8,590,400**	22,815,300	16,107,000	4,221,100	20,328,100	7,598,600	27,926,700	50,742,000	**67,599,000**
6	2018	10,891,900	3,974,500	8,590,400	23,456,800	16,833,400	4,411,500	21,244,900	7,941,300	29,186,200	52,643,000	**70,667,700**
7	2019	11,383,100	4,153,700	8,590,400	24,127,200	17,592,600	4,610,500	22,203,100	8,299,500	30,502,600	54,629,800	**73,120,800**
8	2020	11,896,500	4,341,000	8,590,400	24,827,900	18,386,000	4,818,400	23,204,400	8,673,800	31,878,200	56,706,100	**75,686,100**
9	2021	12,433,000	4,536,800	8,590,400	25,560,200	19,215,200	5,035,700	24,250,900	9,065,000	33,315,900	58,876,100	**78,368,000**
10	2022	12,993,700	4,741,400	8,590,400	26,325,500	20,081,800	5,262,800	25,344,600	9,473,800	34,818,400	61,143,900	**81,171,600**
11	2023	13,579,700	4,955,200	8,590,400	27,125,300	20,987,500	5,500,200	26,487,700	9,901,100	36,388,800	63,514,100	**85,035,500**
12	2024	14,192,100	5,178,700	8,590,400	27,961,200	21,934,000	5,748,300	27,682,300	10,347,600	38,029,900	65,991,100	**88,154,000**
13	2025	14,832,200	5,412,300	8,590,400	28,834,900	22,923,200	6,007,500	28,930,700	10,814,300	39,745,000	68,579,900	**91,411,600**
14	2026	15,501,100	5,656,400	8,590,400	29,747,900	23,957,000	6,278,400	30,235,400	11,302,000	41,537,400	71,285,300	**94,813,200**
15	2027	16,200,200	5,911,500	8,590,400	30,702,100	25,037,500	6,561,600	31,599,100	11,811,700	43,410,800	74,112,900	**98,365,600**
16	2028	16,930,800	6,178,100	8,590,400	31,699,300	26,166,700	6,857,500	33,024,200	12,344,400	45,368,600	77,067,900	**103,263,900**
17	2029	17,694,400	6,456,700	8,590,400	32,741,500	27,346,800	7,166,800	34,513,600	12,901,100	47,414,700	80,156,200	**107,204,700**
18	2030	18,492,400	6,747,900	8,590,400	33,830,700	28,580,100	7,490,000	36,070,100	13,482,900	49,553,000	83,383,700	**111,331,700**
19	2031	19,326,400	7,052,200	8,590,400	34,969,000	29,869,100	7,827,800	37,696,900	14,091,000	51,787,900	86,756,900	**115,638,700**
20	2032	20,198,000	7,370,300	8,590,400	36,158,700	31,216,200	8,180,800	39,397,000	14,726,500	54,123,500	90,282,200	**121,558,600**
21	2033	21,108,900	7,702,700	8,590,400	37,402,000	32,624,100	8,549,800	41,173,900	15,390,700	56,564,600	93,966,600	**126,342,600**
22	2034	22,060,900	8,050,100	8,590,400	38,701,400	34,095,400	8,935,400	43,030,800	16,084,800	59,115,600	97,817,000	**131,346,400**
23	2035	23,055,800	8,413,200	8,590,400	40,059,400	35,633,100	9,338,400	44,971,500	16,810,200	61,781,700	101,841,100	**136,564,000**
24	2036	24,095,600	8,792,600	8,590,400	41,478,600	37,240,200	9,759,600	46,999,800	17,568,300	64,568,100	106,046,700	**142,019,300**
25	2037	25,182,300	9,189,100	8,590,400	42,961,800	38,919,700	10,199,800	49,119,500	18,360,600	67,480,100	110,441,900	**147,737,700**
26	2038	26,318,000	9,603,500	8,590,400	44,511,900	40,675,000	10,659,800	51,334,800	19,188,700	70,523,500	115,035,400	**155,573,300**
27	2039	27,504,900	10,036,600	8,590,400	46,131,900	42,509,400	11,140,600	53,650,000	20,054,100	73,704,100	119,836,000	**161,903,700**
28	2040	28,745,400	10,489,300	8,590,400	47,825,100	44,426,600	11,643,000	56,069,600	20,958,500	77,028,100	124,853,200	**168,516,000**
29	2041	30,041,800	10,962,400	8,590,400	49,594,600	46,430,200	12,168,100	58,598,300	21,903,700	80,502,000	130,096,600	**175,438,200**
30	2042	31,396,700	11,456,800		42,853,500	48,524,200	12,716,900	61,241,100	22,891,600	84,132,700	126,986,200	**174,091,400**
	TOTAL	533,858,000	194,806,200	214,760,000	943,424,200	825,082,600	216,229,800	1,041,312,400	389,239,500	1,430,551,900	2,373,976,100	3,215,040,400

Baseline Figures and Assumptions - KWA Scenario

	DWSD Water Rate Structure			
	Fixed	Standby	Commodity	
2014	738,006	#N/A	13.01	Service ceases after 2016

Total Water Service Costs for Flint / Genesee County Drain Commission

Costs of Current Facilities / Operations

Same as DWSD scenario

Costs of Future Facilities / Operations

Financing Costs for New Projects	Flint WTP Improvements	GCDC WTP and Other	KWA System (a)
Project Cost	7,100,000	110,038,554	357,578,060
Bond Sizing Factor	**37.65%**	**37.65%**	**37.65%**
Additional Bond Proceeds Needed	2,670,000	41,430,000	134,630,000
Bond Sale Size	9,800,000	151,500,000	492,200,000
Bond Issuance Expenses - %	2.25%	2.25%	2.25%
Bond Issuance Expenses	220,500	3,408,800	11,074,500
Finance Rate	5.00%	5.00%	5.00%
Finance Term	25	25	25
Bond Reserve Size - %	10.00%	10.00%	10.00%
Bond Reserve Size	980,000	15,150,000	49,220,000
Capitalized Interest term - years	3	3	3
Capitalized Interest	1,470,000	22,725,000	73,830,000
Net Bond Proceeds	7,129,500	110,216,200	358,075,500
Annual Debt Service Payment	695,300	10,749,300	34,922,800
Debt Service Coverage Requirement	120.00%	120.00%	120.00%
Annual Debt Service Coverage	139,100	2,149,900	6,984,600
Replacement?	144,900	2,251,600	(b)
Total Capital Financing Revenue Req't	979,300	15,150,800	41,907,400
Operating Cost Estimate Starting in FY 2017	8,270,000	1,819,900	(c)

(a) excludes raw water reservoir
(b) assume no annual replacement required for pipeline
(c) $1.30 per Mcf inflated to 2017

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		DWSD Alternative - DWSD Costs						Direct Capital Recovery				
		Water Purchases		Purchased	Water Rate Structure		Total DWSD					
		Avg Day	Max Day	Water	Fixed	Commodity	Costs	Flint	Gen Co	Flint New	Gen Co New	Total
		mgd	*mgd*	*Mcf*	*$/mo*	*$/Mcf*	*$*	*$*	*$*	*$*	*$*	*$*
Escalation:					*4.70%*	*4.70%*		*4.51%*	*4.51%*			
1	2013	**25.0**	**40.0**	1,219,800	**707,000**	**12.46**	23,682,700	8,736,100	3,187,800			11,923,900
2	2014	25.0	40.0	1,219,800	**738,006**	**13.01**	24,725,700	9,130,100	3,331,600			12,461,700
3	2015	25.0	40.0	1,219,800	**772,692**	**13.62**	25,886,000	9,541,900	3,481,900			13,023,800
4	2016	25.0	40.0	1,219,800	**809,009**	**14.26**	27,102,500	9,972,200	3,638,900			13,611,100
5	2017	25.0	**60.0**				0	10,421,900	3,803,000	**979,300**	**15,150,800**	30,355,000
6	2018	27.0	60.0				0	10,891,900	3,974,500	979,300	15,150,800	30,996,500
7	2019	27.0	60.0				0	11,383,100	4,153,700	979,300	15,150,800	31,666,900
8	2020	27.0	60.0				0	11,896,500	4,341,000	979,300	15,150,800	32,367,600
9	2021	27.0	60.0				0	12,433,000	4,536,800	979,300	15,150,800	33,099,900
10	2022	27.0	60.0				0	12,993,700	4,741,400	979,300	15,150,800	33,865,200
11	2023	29.0	60.0				0	13,579,700	4,955,200	979,300	15,150,800	34,665,000
12	2024	29.0	60.0				0	14,192,100	5,178,700	979,300	15,150,800	35,500,900
13	2025	29.0	60.0				0	14,832,200	5,412,300	979,300	15,150,800	36,374,600
14	2026	29.0	60.0				0	15,501,100	5,656,400	979,300	15,150,800	37,287,600
15	2027	29.0	60.0				0	16,200,200	5,911,500	979,300	15,150,800	38,241,800
16	2028	31.0	60.0				0	16,930,800	6,178,100	979,300	15,150,800	39,239,000
17	2029	31.0	60.0				0	17,694,400	6,456,700	979,300	15,150,800	40,281,200
18	2030	31.0	60.0				0	18,492,400	6,747,900	979,300	15,150,800	41,370,400
19	2031	31.0	60.0				0	19,326,400	7,052,200	979,300	15,150,800	42,508,700
20	2032	33.0	60.0				0	20,198,000	7,370,300	979,300	15,150,800	43,698,400
21	2033	33.0	60.0				0	21,108,900	7,702,700	979,300	15,150,800	44,941,700
22	2034	33.0	60.0				0	22,060,900	8,050,100	979,300	15,150,800	46,241,100
23	2035	33.0	60.0				0	23,055,800	8,413,200	979,300	15,150,800	47,599,100
24	2036	33.0	60.0				0	24,095,600	8,792,600	979,300	15,150,800	49,018,300
25	2037	33.0	60.0				0	25,182,300	9,189,100	979,300	15,150,800	50,501,500
26	2038	35.0	60.0				0	26,318,000	9,603,500	979,300	15,150,800	52,051,600
27	2039	35.0	60.0				0	27,504,900	10,036,600	979,300	15,150,800	53,671,600
28	2040	35.0	60.0				0	28,745,400	10,489,300	979,300	15,150,800	55,364,800
29	2041	35.0	60.0				0	30,041,800	10,962,400	979,300	15,150,800	57,134,300
30	2042	35.0	60.0				0	31,396,700	11,456,800			42,853,500
	TOTAL			4,879,200	3,026,707		101,396,900	533,858,000	194,806,200	24,482,500	378,770,000	1,131,916,700

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		Flint /Gen Co WTP Costs						
		Flint Other Water Costs	Flint WTP Op Costs	Total Flint Op Costs	Gen Co WTP Op Costs	Gen Co Op Costs	Total Op Costs	Total Flint/Gen Co Costs
		$	$	$	$	$	$	$
Escalation:		*4.51%*	*4.51%*		*4.51%*	*4.51%*		
1	2013	**13,501,500**	**3,538,200**	17,039,700		**6,369,400**	23,409,100	35,333,000
2	2014	14,110,400	3,697,800	17,808,200		6,656,700	24,464,900	36,926,600
3	2015	14,746,800	3,864,600	18,611,400		6,956,900	25,568,300	38,592,100
4	2016	15,411,900	4,038,900	19,450,800		7,270,700	26,721,500	40,332,600
5	2017	16,107,000	**8,270,000**	24,377,000	**1,819,900**	7,598,600	33,795,500	64,150,500
6	2018	16,833,400	8,643,000	25,476,400	1,902,000	7,941,300	35,319,700	66,316,200
7	2019	17,592,600	9,032,800	26,625,400	1,987,800	8,299,500	36,912,700	68,579,600
8	2020	18,386,000	9,440,200	27,826,200	2,077,400	8,673,800	38,577,400	70,945,000
9	2021	19,215,200	9,866,000	29,081,200	2,171,100	9,065,000	40,317,300	73,417,200
10	2022	20,081,800	10,311,000	30,392,800	2,269,000	9,473,800	42,135,600	76,000,800
11	2023	20,987,500	10,776,000	31,763,500	2,371,300	9,901,100	44,035,900	78,700,900
12	2024	21,934,000	11,262,000	33,196,000	2,478,200	10,347,600	46,021,800	81,522,700
13	2025	22,923,200	11,769,900	34,693,100	2,590,000	10,814,300	48,097,400	84,472,000
14	2026	23,957,000	12,300,700	36,257,700	2,706,800	11,302,000	50,266,500	87,554,100
15	2027	25,037,500	12,855,500	37,893,000	2,828,900	11,811,700	52,533,600	90,775,400
16	2028	26,166,700	13,435,300	39,602,000	2,956,500	12,344,400	54,902,900	94,141,900
17	2029	27,346,800	14,041,200	41,388,000	3,089,800	12,901,100	57,378,900	97,660,100
18	2030	28,580,100	14,674,500	43,254,600	3,229,100	13,482,900	59,966,600	101,337,000
19	2031	29,869,100	15,336,300	45,205,400	3,374,700	14,091,000	62,671,100	105,179,800
20	2032	31,216,200	16,028,000	47,244,200	3,526,900	14,726,500	65,497,600	109,196,000
21	2033	32,624,100	16,750,900	49,375,000	3,686,000	15,390,700	68,451,700	113,393,400
22	2034	34,095,400	17,506,400	51,601,800	3,852,200	16,084,800	71,538,800	117,779,900
23	2035	35,633,100	18,295,900	53,929,000	4,025,900	16,810,200	74,765,100	122,364,200
24	2036	37,240,200	19,121,000	56,361,200	4,207,500	17,568,300	78,137,000	127,155,300
25	2037	38,919,700	19,983,400	58,903,100	4,397,300	18,360,600	81,661,000	132,162,500
26	2038	40,675,000	20,884,700	61,559,700	4,595,600	19,188,700	85,344,000	137,395,600
27	2039	42,509,400	21,826,600	64,336,000	4,802,900	20,054,100	89,193,000	142,864,600
28	2040	44,426,600	22,811,000	67,237,600	5,019,500	20,958,500	93,215,600	148,580,400
29	2041	46,430,200	23,839,800	70,270,000	5,245,900	21,903,700	97,419,600	154,553,900
30	2042	48,524,200	24,915,000	73,439,200	5,482,500	22,891,600	101,813,300	144,666,800
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	TOTAL	825,082,600	409,116,600	1,234,199,200	86,694,700	389,239,500	1,710,133,400	2,842,050,100

WORKSHEET - PROJECTED WATER COSTS TO FLINT - **KWA** SCENARIO

		KWA Costs								GRAND
		Debt Service	Covg/Other Capital Costs	Water Sales	Non-Revenue Water	Water Production	Unit Op Costs	Operating Costs	Total KWA Costs	TOTAL COSTS
		$	*$*	*Mcf*	*Mcf*	*Mcf*	*$/Mcf*	*$*	*$*	*$*
Escalation:					*5.00%*		*5.00%*			
1	2013				0	0		0	0	**59,015,700**
2	2014				0	0		0	0	**61,652,300**
3	2015				0	0		0	0	**64,478,100**
4	2016				0	0		0	0	**67,435,100**
5	2017	**34,922,800**	**6,984,600**	1,219,800	64,200	1,284,000	**1.58**	2,028,700	43,936,100	**108,086,600**
6	2018	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.66	2,301,900	44,209,300	**110,525,500**
7	2019	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.74	2,412,900	44,320,300	**112,899,900**
8	2020	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.83	2,537,700	44,445,100	**115,390,100**
9	2021	34,922,800	6,984,600	1,317,400	69,300	1,386,700	1.92	2,662,500	44,569,900	**117,987,100**
10	2022	34,922,800	6,984,600	1,317,400	69,300	1,386,700	2.02	2,801,100	44,708,500	**120,709,300**
11	2023	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.12	3,157,700	45,065,100	**123,766,000**
12	2024	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.23	3,321,600	45,229,000	**126,751,700**
13	2025	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.34	3,485,400	45,392,800	**129,864,800**
14	2026	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.46	3,664,200	45,571,600	**133,125,700**
15	2027	34,922,800	6,984,600	1,415,000	74,500	1,489,500	2.58	3,842,900	45,750,300	**136,525,700**
16	2028	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.71	4,314,900	46,222,300	**140,364,200**
17	2029	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.85	4,537,800	46,445,200	**144,105,300**
18	2030	34,922,800	6,984,600	1,512,600	79,600	1,592,200	2.99	4,760,700	46,668,100	**148,005,100**
19	2031	34,922,800	6,984,600	1,512,600	79,600	1,592,200	3.14	4,999,500	46,906,900	**152,086,700**
20	2032	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.30	5,593,200	47,500,600	**156,696,600**
21	2033	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.47	5,881,300	47,788,700	**161,182,100**
22	2034	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.64	6,169,400	48,076,800	**165,856,700**
23	2035	34,922,800	6,984,600	1,610,200	84,700	1,694,900	3.82	6,474,500	48,381,900	**170,746,100**
24	2036	34,922,800	6,984,600	1,610,200	84,700	1,694,900	4.01	6,796,500	48,703,900	**175,859,200**
25	2037	34,922,800	6,984,600	1,610,200	84,700	1,694,900	4.21	7,135,500	49,042,900	**181,205,400**
26	2038	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.42	7,945,800	49,853,200	**187,248,800**
27	2039	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.64	8,341,300	50,248,700	**193,113,300**
28	2040	34,922,800	6,984,600	1,707,800	89,900	1,797,700	4.87	8,754,800	50,662,200	**199,242,600**
29	2041	34,922,800	6,984,600	1,707,800	89,900	1,797,700	5.11	9,186,200	51,093,600	**205,647,500**
30	2042			1,707,800	89,900	1,797,700	5.37	9,653,600	9,653,600	**154,320,400**
	TOTAL	873,070,000	174,615,000	39,132,400	2,059,300	41,191,700		132,761,600	1,180,446,600	4,123,893,600

Subject:	RDS/BLarkin/Col. Etue/Captain Rick Arnold - Meeting with Dayne Walling, Ed Kurtz, Mike Brown and Scott Kincaid
Location:	Flint City Hall - 1101 S. Saginaw Street, Flint MI 48502, 1st Floor, Mayor's Conference Room
Start:	Fri 4/19/2013 8:45 AM
End:	Fri 4/19/2013 9:30 AM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Clayton, Stacie (GOV); Larkin, Brian (GOV); Klotz, Josephine (MSP)
Optional Attendees:	Etue, Kriste (MSP); Arnold, Richard (MSP); Heyns, Daniel (MDOC)

Purpose: Discuss outcome of recent report/Flint update

Attendees:
Dayne Walling, Mayor
Ed Kurtz, EM
Mike Brown, City Administrator (Fmr EFM)
Scott Kincaid, President of City Council (checking)
Col. Etue, Captain Arnold, Brian Larkin

Agenda:
8:45 – 8:50: Greetings (Governor)
8:50 – 9:00: Public Safety (Col. Etue)
• Current statistics
• Recent initiatives
9:00 – 9:10: City Finance (Brown & Kurtz)
• 5-year budget
9:10 – 9:20: Transition Advisory Board Timeline (Brown, Walling)
• Transition Work plan (Walling)
• Emergency Manager Timeline (Brown)
9:20 – 9:25: Closing

Attachment:
1. Flint Update from Treasury

Not Responsive

Flint Background for Governor....

Not Responsive

*****Staff/Detail*****

POC: Maxine Murray, 810.237.2035 Telephone, mmurray@cityofflint.com
Advance: CLU
Staff: BLarkin

89 (Rev. 02-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

Date: April 18, 2013

To: Andy Dillon
State Treasurer

From: Roger Fraser
Deputy State Treasurer

Subject: City of Flint Background Information

Pursuant to your request I am providing a status report regarding important issues facing the city.

BUDGET

Not Responsive

POLICE

Not Responsive

FIRE

Not Responsive

BLIGHT

Not Responsive

Not Responsive

WATER

- EM signed a resolution to enter into and sign a contract with KWA.
- Water theft is a significant issue and administration plans to address it in the next 90 days.
- Water rates have been raised 118% over the past 2 years and is an issue with residents
- Effective 7/1/13 EM will eliminate the "readiness to serve charge" ($53) for any water customer who meets the state poverty exemption requirements.
- DWSD attempting to cancel current contract with Flint and institute increased charges to the city during construction of KWA.

PENSION

Not Responsive

SOLID WASTE COLLECTION

Not Responsive

OPEB LAWSUIT

Not Responsive

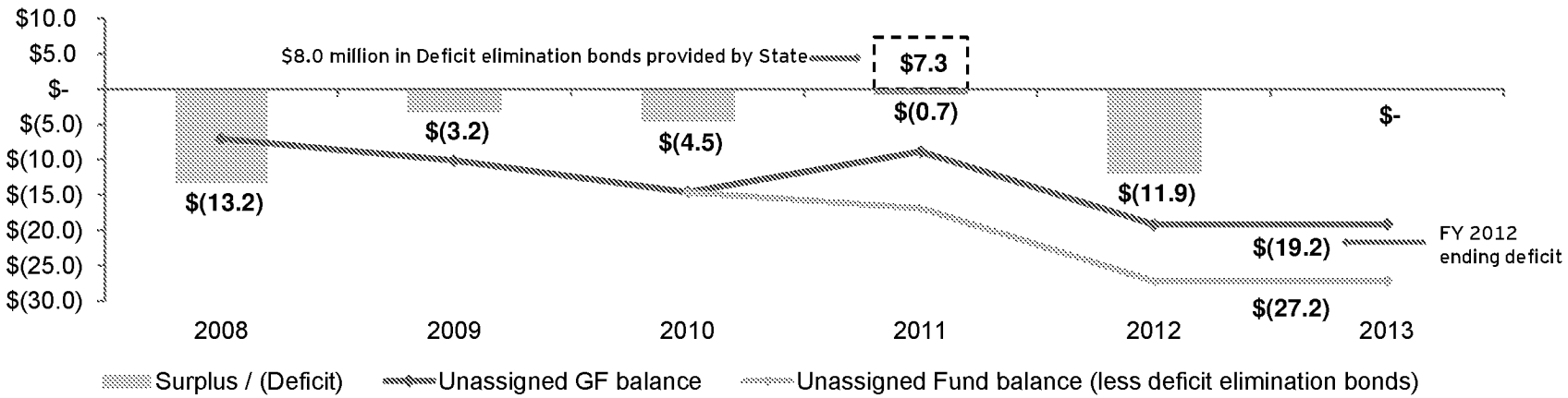
MAYOR AND COUNCIL

Not Responsive

Not Responsive

Not Responsive

City of Flint Financial Profile



$ in millions	Actual					Budget
General Fund	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
Total Revenues	$ 66.8	$ 63.9	$ 57.2	$ 67.2	$ 51.5	$ 57.5
Total Expenses	(79.5)	(66.7)	(64.7)	(67.3)	(61.7)	(57.5)
Other	(0.6)	(0.5)	3.0	7.5	(1.7)	-
Surplus / (Deficit)	**$ (13.2)**	**$ (3.2)**	**$ (4.5)**	**$ 7.3**	**$ (11.9)**	**$ -**
Less deficit elimination bonds				**$ (0.7)**		
Reserved Fund balance	0.2	-	-	1.6	-	-
Unassigned GF balance	(7.0)	(10.1)	(14.6)	(8.9)	(19.2)	(19.2)
Less deficit elimination bonds			(14.6)	(16.9)	(27.2)	(27.2)
Ending Fund Balances	**$ (6.9)**	**$ (10.1)**	**$ (14.6)**	**$ (7.3)**	**$ (19.2)**	**$ (19.2)**

The City's General Fund has received cash advances from the Water and Sewer Funds to meet its cash obligations

	Non-major Gov't	Internal Service	Sewage Disposal	Water Supply	Total
Due to balances	$ 1.8	9.1	$ 10.0	$ 1.0	$ 21.9

Note: 2013 budget estimates per FY 2012-13 Budget Plan

This Document is a Non-Responsive Attachment.

This Document is a Non-Responsive Attachment.

This Document is a Non-Responsive Attachment.

From: Wurfel, Sara (GOV)
Sent: Monday, April 08, 2013 1:04 AM
To: Buhs, Caleb (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV); Holyfield, Jeff (GOV)
Subject: RE: Flint Water TPs

From: Buhs, Caleb (GOV)
Sent: Friday, April 05, 2013 8:24 AM
To: Wurfel, Sara (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV); Holyfield, Jeff (GOV)
Subject: Fwd: Flint Water TPs

Here is an email I sent out last week and haven't received any feedback yet. I will touch base with everyone again on Monday to finalize a comm plan ahead of AD's approval of Ed Kurtz's resolution.

Begin forwarded message:

From: "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
Date: March 29, 2013, 5:05:17 PM EDT
To: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
Cc: "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>
Subject: Flint Water TPs

Here is the start of some topline messages for Flint … I don't think that we need to get too deep into the specifics on the deal, we can leave that to Ed and others to discuss. Please let me know of any suggestions and additions that you have. I plan to also put together some background information that we can have on hand when discussing the topic. As I mentioned before, it likely won't be until the week of Apr 8th that we discuss this publicly.

<!--[if !supportLists]-->· <!--[endif]-->This is a decision made by the City of Flint and is a local decision that affects their local water supply.
<!--[if !supportLists]-->· <!--[endif]-->Flint Emergency Manager Ed Kurtz has heavily involved the city's elected officials throughout the decision-making process and all agree that this is best for the citizens and businesses in Flint.
<!--[if !supportLists]-->· <!--[endif]-->This will save Flint at least $100 million over the next 25 years, and possibly as much as $300 million.
<!--[if !supportLists]-->· <!--[endif]-->The Departments of Treasury and Environmental Quality have approved the financial and environmental soundness of KWA's plan.
<!--[if !supportLists]-->· <!--[endif]-->Flint accounts for only 2% of DWSD's capacity.
Thanks,
Caleb

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 31, 2012 10:20 AM
To: Wurfel, Sara (GOV)
Subject: Water issue in Flint
Attachments: Permit Decision and Response to Public Comments - Final.pdf; Genesee County Water issue.doc

Importance: High

This work for you? If you need more, I can keep going. …

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-241-7395 - office
PPI - cell

GENESEE COUNTY DRAIN COMMISSION
APPLICATION FOR A WATER WITHDRAWAL FROM LAKE HURON

PERMIT DECISION
And
RESPONSE TO PUBLIC COMMENTS

August 28, 2009

Michigan Department of Environmental Quality
Constitution Hall, 525 West Allegan
P.O. Box 30273
Lansing, Michigan 48909-7773

EXECUTIVE SUMMARY

GENESEE COUNTY DRAIN COMMISSION
APPLICATION FOR A WATER WITHDRAWAL FROM LAKE HURON

On February 12, 2009, the Department of Environmental Quality (DEQ) received from the Genesee County Drain Commission (GCDC) a permit application submitted under Section 32723 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). The permit application included a request that the DEQ begin the required evaluation and public notice under Part 327, Great Lakes Preservation, of NREPA for a proposed water withdrawal from Lake Huron.

Section 32723(4) of Part 327 requires that the DEQ provide for a public comment period of not less than 45 days before a permit application is acted upon. The DEQ invited public comment on the permit application via press release, public notice and website posting. The DEQ issued the press release on the permit application on May 27, 2009, and posted the public notice on the DEQ internet website the following day. A copy of the public notice was transmitted to the GCDC on May 28, 2009 for posting at the entrance to their premises and at the shoreline parcel where a "shore well and pumping station" are to be constructed. The press release and public notice announced the public comment period and requested that comment be submitted to the DEQ by July 15, 2009.

After considering the information submitted relevant to the factors used in determining the acceptability of a permit application and the comments received, the DEQ determined that the proposed GCDC withdrawal is in compliance with the applicable standards and should be issued.

On August 28, 2009, the DEQ rendered a decision in favor of issuing the permit concluding the GCDC proposed withdrawal would not likely cause an adverse resource impact and that all other factors in rendering a permit decision had been met.

This document includes the basis of decision for issuance of a permit to the GCDC for the future withdrawal of 85 MGD from Lake Huron. Responses are provided to comments received on the permit application during the public comment period that including concerns relating to the permit process, the environmental impact of the proposed water withdrawal, the legality of the proposed water use, and the applicability of laws and regulations to the proposed withdrawal.

Many of the early comments were critical of the public notice and comment period duration regarding the permit application. The DEQ is limited in its ability to provide public comment by a Part 327 statutorily required time frame for responding to the permit application. The DEQ recognizes that this is the first application for a permit to withdraw water from a Great Lake that is subject to the standards of Part 327, the Great Lakes Charter process, the standards-of-decision in the Great Lakes-St. Lawrence River Basin Water Resources Compact, and the Great Lakes-St. Lawrence River Basin Sustainable Water Resources Agreement. Therefore, the DEQ reviewed additional comments received after the public comment period for consideration in application and functionality of the administrative process on this and future permit applications.

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I. BACKGROUND

Proposed Withdrawal

The proposed 85 million gallons per day (MGD) water withdrawal is from a Lake Huron water intake. The permit applicant, Genesee County Drain Commission (GCDC), proposes to use the withdrawal water for a community public water supply system, to be owned and operated by a collection of municipalities organized as the Karegnondi Water Authority (KWA). The proposed withdrawal will be via a Lake Huron water intake located approximately 3.5 miles offshore and a shore well and pumping facilities located in the south of section 31 and 32, Worth Township, T.9N, R.17E, Sanilac County, Michigan. The maximum proposed withdrawal of 85 MGD, corresponds to a maximum pumping rate of ~59,000 gallons per minute (gpm).

Public water supply is a use that the DEQ estimates to be 10 percent consumptive. While 90 percent of the water will remain in the Lake Huron watershed, the consumptive use estimate places the loss from the Great Lakes hydrologic system at 8.5 MGD.

II. STATUTORY STANDARD

A person who proposes to develop a new withdrawal of 2 MGD or more from the waters of the state to supply a common distribution system, is required to obtain a water withdrawal permit prior to making the withdrawal (MCL 324.32723[1]).

Application Submittal

A person proposing a withdrawal from the surface waters of the state is required to apply for a permit by submitting an application for the withdrawal to the DEQ containing the following information (MCL 324.32723[2]):

- Capacity of equipment used to make the withdrawal,
- Location of the withdrawal,
- Withdrawal source,
- Amount and rate of withdrawal,
- Intended maximum monthly and annual volumes and rates, if different from the capacity of equipment used to make the withdrawal,
- Relevant information related to seasonal use,
- Description of how the water will be used and location, amount and rate of return flow,
- Any other information the person would like the DEQ to consider.

The application is required to include an evaluation of existing hydrological and hydrogeological conditions and a detailed description of proposed preventative measures where relevant. In addition, the applicant is required to submit an application fee in the amount of $2000.00

Administrative Requirements

MCL 324.32723 requires the department to determine whether a permit application is administratively complete. The DEQ has 30 days to make this determination, unless the applicant is notified of deficiencies in the application requiring additional information. Once an application is determined to be administratively complete, the DEQ is required to provide a public comment period of not less than 45 days and render a decision on the permit application within 120 days from the completeness determination.

The DEQ received the original permit application from the GCDC on February 12, 2009. The information was submitted in accordance with Part 327, and "proposals subject to prior notice and consultation" of The Great Lakes Charter, Principles for the Management of Great Lakes Water Resources (The Charter). On March 4, 2009 the DEQ requested additional information to better fulfill the information requirements of The Charter essential to the administrative

process. Upon receipt of the additional information the DEQ sent a letter to the GCDC dated April 24, 2009 notifying them of the completeness of the application package.

The DEQ invited public comment on the permit application via press release, public notice and website posting. The press release was issued on May 27, 2009, and the posting of the public notice on the DEQ internet website on May 28, 2009. The GCDC was provided a copy of the public notice on May 28, 2009 for posting at the entrance to their premises and at the shoreline parcel where the proposed shore well and pumping station are to be constructed. The press release and public notice announced the 45-day public comment period and requested that comments be submitted to the DEQ by July 15, 2009.

The consumptive use estimate of 8.5 MGD exceeds the 5 MGD threshold established in the Charter for proposed withdrawals requiring Prior Notice and Consultation with the other Great Lakes states and provinces. In the spirit of the companion legislation adopted by the state of Michigan in conjunction with the Great Lakes-St. Lawrence River Basin Water Resources Compact (Compact), and pursuant to the Great Lakes-St. Lawrence River Basin Sustainable Water Resources Agreement (Agreement), the DEQ's Office of the Great Lakes provided notice of the proposed withdrawal on May 26, 2009. The complete application packet was transmitted to the other Great Lakes states, the Canadian provinces of Ontario and Quebec, and the Great Lakes first nation and federally recognized tribes, with a request that comments be provided by July 20, 2009 in order for the DEQ to meet the statutory obligations of Part 327.

Conditions Required for Issuance of a Permit

The DEQ is required to issue a permit for a water withdrawal if all of the following conditions are met (MCL 324.32723[6]):

- All water withdrawn, less any consumptive use, is returned to the source watershed;
- The withdrawal is implemented to insure there is no individual or cumulative adverse resource impact (ARI). Cumulative impacts are to be evaluated based upon available information gathered by the DEQ;
- The withdrawal will be implemented in compliance with all applicable local, state, and federal laws, as well as all legally binding regional interstate and international agreements;
- The proposed use is reasonable;
- The permit applicant certifies compliance with the environmentally sound and economically feasible water conservation measures for the applicable water use sector; and
- The proposed withdrawal does not violate public or private rights and limitations imposed by Michigan water law or other common law duties.

Parallel requirements for approval are spelled out in Section 4.11, Decision Making Standard, of the Compact. Section 4.11(5) of the Compact provides greater specificity on reasonable use conditions and requires the parties to consider efficient use of the water; efficient use of existing water supplies; the balance between economic and social development and environmental protection as they relate to other planned withdrawals and uses sharing the same source; supply potential; the degree and duration of likely adverse impacts and the restoration of hydrologic conditions.

III. DECISION MAKING PROCESS

Consumptive Use Considerations

The consumptive use calculation was based upon a consumptive use coefficient of 10 percent. The DEQ relied primarily upon the United State Geological Survey publication "Consumptive Water-Use Coefficients for the Great Lakes Basin and Climatically Similar Areas," Scientific Investigation Report 2007-5197. There is a relatively narrow range of coefficients for public water supplies in comparison with many of the other types of uses. Further, it is generally conceded the range is 10 to 15 percent as identified in Table 3-1, Consumptive-use coefficient used by Great Lakes jurisdictions, by water use category of the report. Upon review of the aforementioned report, the DEQ ultimately decided that 10 percent was the best estimate of consumptive use. This is the published value for the public water supply sector in Table 3-2, Total water use by category for the Great Lakes Basin, by year, from the Great Lakes Commission annual reports, 1998-2002. Based upon the 10 percent coefficient for consumptive use, the proposed withdrawal is projected to have a maximum consumptive use of 8.5 MGD.

Adverse Resource Impacts

Section 32721(1) of Part 327 prohibits a person from making a "…new or increased large quantity withdrawal from the waters of the state that causes an adverse resource impact." Section 32701(1)(a)(vii) defines an adverse resource impact (ARI) for a surface water body as "decreasing the level of a lake or pond with a surface area of 5 acres or more through a direct withdrawal from the lake or pond in a manner that would impair or destroy the lake or pond or the uses made of the lake or pond, including the ability of the lake or pond to support characteristic fish populations, or such that the ability of the lake or pond to support characteristic fish populations is functionally impaired." For flowing streams and rivers an ARI is defined as decreasing the flow by part of the index flow such that the ability of the stream to support the characteristic fish population is functionally impaired.

Part 327 establishes specific flow reduction as constituting an ARI for some stream types. No specific flow reductions are established for the Great Lakes or their connecting channels. In that case, a comparison of the proposed withdrawal to the water availability from the GL or connecting channel from which the withdrawal originates is one means of assessing the likelihood of an ARI. The proposed withdrawal of 85 MGD corresponds to a daily withdrawal of 1.136×10^7 cubic feet per day (ft^3/day) or 4.148×10^9 cubic feet per year (ft^3/year). The area of Lake Huron and Lake Michigan, which hydraulically act as a single source at the same elevation, possess a combined surface area of 45,300 square miles, or 1.263×10^{12} ft^2. Based upon a consumptive use of 10 percent a withdrawal of 4.148×10^9 cubic feet per year (ft^3/year) would result in a projected loss of water from the Great Lakes Basin of 4.148×10^8 ft^3/year. Assuming no recharge to lakes Michigan and Huron the consumptive use loss is projected to cause a reduction in lake levels of 0.0003284 feet (0.004 inches or 0.01 centimeter). Accordingly, the DEQ concludes the impact of the proposed 85 MGD withdrawal on lake levels and the corresponding impact to the characteristic fish population would not result in an ARI as defined in Part 327.

A comparison of the proposed withdrawal to flows immediately down stream of the proposed intake in the St. Clair River provides another reasonable measure of water availability and the potential for impact. The United States Geological Survey has published average flows for the St. Clair River in excess of 183,000 cubic feet per second, corresponding to a daily flow of ~118,268 MGD. When consideration is given to return flows and consumptive use, the water theoretically lost from Lake Huron of 8.5 MGD corresponds to 0.0072 percent of the total flow.

The DEQ concludes from this comparison that the proposed withdrawal would be insufficient to cause an ARI as defined in Part 327.

Applicable Local, State and Federal Laws

To be approved, the proposed withdrawal must be in compliance with all applicable local, state, and federal laws as well as legally binding interstate and international agreements, including the boundary waters treaty of 1909. Section 32726 governing local ordinances, specifically prohibits a local unit of government from enacting, or enforcing an ordinance that regulates a large quantity withdrawal. The information contained within the permit application indicates the withdrawal would be implemented in compliance with applicable state and federal laws (Part 327) and applicable international agreements. The Boundary Waters Treaty of 1909 was agreed to by the U.S. and Canada to provide a mechanism for the resolution of disputes over waters bordering the two countries and to insure the waters of the Great Lakes remain navigable. Nothing related to the GCDC proposed withdrawal volumes would be in violation of the treaty.

Reasonable Use

Part 327 requires that a proposed use be reasonable. As noted above the specific criteria for consideration the efficient use of the water and the efficient use of existing water supplies; a consideration of the balance between economic development, social development and environmental protect, supply potential; the degree and duration of likely adverse impacts and the restoration of hydrologic conditions. These considerations are consistent with Michigan's test for determining a reasonable use as set forth in Michigan Citizen for Water Conservation V. Nestle Waters of North America, Inc. [Michigan Citizens for Water Conservation v Nestlé Waters N America Inc, 269 Mich App 25; 709 NW2d 174 (2005)]. The considerations are addressed as follows:

Efficient Use of the Water: This requirement is directly tied to the user's commitment to Environmentally Sound and Economically Feasible Water Conservation Measures. (Conservation Measures) In the application the GCDC identified the Conservation Measures applicable to the public water supply sector that they are currently employing. A more comprehensive discussion is provided in the section entitled Conservation Measures on page 6.

Efficient Use of Existing Water Supplies: The language of the Compact specifies efficient use as a consideration when an increased withdrawal is proposed. The Compact language is intended to assure that water from various sources is being efficiently used by a large quantity user before they are granted approval for an increased withdrawal. Since the GCDC proposal is for a new withdrawal, this criterion does not apply.

Balance between Economic Development, Social Development and Environmental Protection: Reasonableness of a water use as it relates to the balance between economic development, social development and environmental protection is an important consideration in the acceptability of a proposed withdrawal.

Creation of a water authority and construction of the pipeline and treatment plants would enhance economic development in a variety of ways. During the 5-year construction period there project would provide an estimated $100 million in skilled trades work, $200 million in manufacturing of pipe and other equipment and 30 million in engineering and design services. Once on line the new pipeline and associated facilities is estimated to create over 50 new jobs necessary to the operation and maintenance treatment facilities, the Great Lakes intake, pipeline, and pump stations. Improving system reliability, as discussed below will also encourage economic development in the affected communities.

From a social standpoint, the proposed withdrawal and related facilities would benefit the area by enhancing the health, safety and security of area residents. The DEQ, Water Bureau (WB)

has identified deficiencies in the GCDC system primarily related to reliability. Significant effort will be placed on improving current system reliability in the design of system components associated with the proposed withdrawal. These efforts will meet with the requirements of the Safe Drinking Water Act. With the construction of new facilities the GCDC would also be improving system reliability for surrounding public water supply systems by offering emergency inter-connects and entering into mutual aid agreements.

Lastly, given the net effect of the withdrawal on the water resources as described above, these economic and social benefits to the area would be obtained without a perceptible impact on the environment.

Supply Potential: Supply potential consideration requires the DEQ look at the impact of the withdrawal on the quantity, quality, reliability, and safe yield of hydrologically interconnected water sources. The proposed withdrawal does not present any known or anticipated threat to the quantity or quality of Lake Huron as a water source. Also, the proposed withdrawal would have no impact on the reliability or the safe yield of the source as it relates to others using Lake Huron or hydrologically connected sources, such as the St. Clair/Detroit river systems.

Degree and Duration of Likely Adverse Impacts: The DEQ concluded the proposed withdrawal would not cause an ARI.

Restoration of Hydrologic Conditions: The water withdrawn by the GCDC, less consumptive use, would all be returned to the source watershed via treated wastewater discharges to the Flint River. The consumptive use losses for inside Great Lakes Basin uses are considered reasonable. Under Part 327 the restoration of hydrologic conditions does not apply to the proposed withdrawal.

Conservation Measures

For permit applications received on or after January 1, 2009, the applicant must self-certify that they are in compliance with Conservation Measures. More specifically they must certify that they are in compliance with the Conservation Measures developed by the applicable water user's sector or developed for the water use associated with that specific withdrawal (MCL 324.32723[6(e)]).

The GCDC has certified that they are in compliance with the accepted practices as developed and submitted to the DEQ for the public water supply sector by the Michigan Section of the American Water Works Association and set a goal of a less than 5 percent system wide water loss. GCDC further certifies to the promotion of educational programs related to lawn sprinkling and other outside uses, and the implementation of programs to promote water re-use and other water conservation measures by commercial and industrial facilities. The GCDC also practices "flat rate water billing," meaning large users do not pay proportionally less as their water use goes up. All water uses served by the GCDC are metered and billing is commensurate with the metered water usage. Lastly, the GCDC employs a local ordinance restricting outdoor water use during periods of peak use.

Public or Private Rights, Limitations and Common Law

The issuance of a permit on the proposed withdrawal must not violate public or private rights or interfere with limitations imposed on the use of the resource by Michigan water law or other common law decisions. Specifically, the DEQ must ascertain if the issuance of the permit would interfere with the principle that certain natural resources, which in this case is Lake Huron, are preserved for public use, and that the state is required to maintain the resource for the public's reasonable use. The issuance of a permit for the proposed withdrawal would not interfere with the public's access to Lake Huron, the public interest in Lake Huron as a natural resource, or maintenance of Lake Huron for drinking and recreational purposes.

VI. PUBLIC PARTICIPATION PROCESS

The DEQ invited public comment on the permit application via press release, public notice and website posting. The press release was issued on May 27, 2009, and the posting of the public notice on the DEQ internet website on May 28, 2009. The web posting included the permit application packet for the proposed withdrawal and the public notice announcement. The press release and public notice announced the public comment period and requested comments be submitted to the DEQ by July 15, 2009.

The Office of the Great Lakes provided notice of the proposed withdrawal on May 26, 2009, to the other Great Lakes states, provinces and federally recognized tribes and first nations. The notice included a request that comments be provided by July 20, 2009.

The remainder of this document summarizes the comments received based on the proposed 85 MGD withdrawal by the GCDC and the DEQ response to the comments on the basis of applicable rule, policy, and procedure in administration of the permit application and review process under Part 327, Great Lakes Preservation, of NREPA.

General Comments

Many of the comments were specific to ongoing negotiations between the GCDC and the City of Detroit relative to the continued provisions for water supply service from the Detroit Water and Sewer Department (DWSD).

It was expressed by some commenters that the GCDC proposal underestimates the reliability of the DWSD public water supply system noting that DWSD possesses sufficient capacity and has an approved proposal to provide the GCDC the desired redundancy. Conversely, it was claimed the request for redundancy was made in 1965 with reciprocal commitment to construct the necessary infrastructure over the past 30 years.

A comment was made that constructing a new intake does not appropriately address deficiencies in either the GCDC or DWSD systems. As an example, there was a reference to ongoing system losses for the GCDC and DWSD of 5 percent versus 20 percent of water pumped.

Multiple comments were received with regards to the impact on water rates for DWSD customers if the KWA member municipalities were to withdraw from the DWSD system. Rate increases for the remaining DWSD customers was estimated at approximately 6 percent. A counter argument was made that the loss of a customer should not affect remaining customer rates as costs are presumably based on "cost of service."

There was a claim that the cost of the intake structure, transmission line, and separate treatment facilities for the KWA would be much greater than provided in the preliminary estimates. Conversely, The GCDC claims that all potential KWA members are aware of the cost estimates. The intake and pipeline costs are estimated at 75 percent of costs, including plans for redundancy while the treatment costs will be 25 percent of costs. GCDC also noted that separate studies on the cost of various water supply alternatives should have no bearing on the permit decision.

Response to Comments: The DEQ does not consider any comments on the relative position of the DWSD and GCDC water supply system to be legally relevant to a decision as to whether or not a permit should be issued to the GCDC for the proposed 85 MGD withdrawal from Lake Huron. Part 327 specifically requires the DEQ to issue a permit if on the basis of the submitted material the proposed water withdrawal meets the decision making criteria. The DEQ is specifically precluded from using part 327 to "…diminish or create any existing authority of municipalities to require persons to connect to municipal water supply systems as authorized by law" (MCL 324.32726).

Any addition or loss of a major customer of a regional public water system has the likelihood of affecting water rates – clearly a major addition or loss affects both the revenues and costs of operation. Water rates and the basis for establishing water rates are not an issue under Part 327. It is appropriately an issue for water service contract negotiations between the regional water system and its customers. To do otherwise invites unwanted intervention of the state into local decision making. There is nothing in Part 327 or any provisions of the Agreement and Compact that would either mandate connection to a regional water system or bind a customer permanently to a regional water system.

Applicability of Law and Regulations

Comments criticized the GCDC's application under Part 327. As a community public water supply the commenter believes the application would have been more appropriately made under the Michigan Safe Drinking Water Act, Act 399, as amended and rules. A submittal of plans and specifications under Act 399 would have provided greater clarity as to the reasonableness of the water use and the applicant's intent relative to applicable Conservation Measures.

Other comments cited the application of requirements in the Compact and expressed the opinion that the GCDC proposal did not meet the applicable standards. Most frequently referenced were the standards identified in *Section 4.11, Decision Making Standard* and *Section 4.12, Applicability* of the Compact. Relative to the former, comments suggested the proposed use is not reasonable based on efficient use of existing water supplies, balance between economic and social development, environmental protection, use of same source by multiple users, and the probable degree of adverse impacts. Relative to the latter requirements, it was implied that the Compact provides the Originating Party (i.e. Michigan) with the power to apply a much more stringent standard.

Response to Comments: Part 327 and the companion amendments to Act 399 do not provide any restrictions as to who may apply for a permit to make a large quantity water withdrawal nor specify how one must go about obtaining a permit. GCDC stated that they submitted their request for approval through Part 327 in large part to obtain the appropriate authorization of the withdrawal before investing a significant amount of money in developing plans and specification for the water works systems. Conformity with the Decision Making Standard of the Compact is, in part, the basis for the DEQ's decision on the permit application.

New Withdrawal and Consumptive Use

A number of comments focused on the fact that approval of the GCDC proposal would not result in a decrease in Detroit's ability to pump water and solicit new customers to maintain their current rate of use. As a result commenters concluded that the GCDC proposal should be treated as a new withdrawal. A corollary to this criticism was the observation that the total water withdrawal from the Great Lakes Basin would increase and that approval of the proposal would encourage other users to pursue similar use of Great Lakes waters. Some comments questioned the water use projections by the GCDC for the years 2014 to 2039. GCDC projected water use to increase by 42 percent. There was also concern that projected demand was 78.7 MGD, yet the request is for 85 MGD. There were requests that the proposed new withdrawal should be considered unacceptable unless the Detroit withdrawal was reduced by a corresponding amount.

Concern was also expressed over an increase in consumptive use. The fact that there would be an increase in use would result in additional consumptive use loss from the Great Lakes Basin. Numerous comments, particularly from other states questioned the use of 10 percent as the consumptive use coefficient indicating it should be higher. USGS publications cite consumptive use on public water supply systems in the range of 10 to 15 percent.

Response to Comments: Comments on the increased use must be addressed within the context of public water supply system operation, in particular when the increase in use is based upon population projections over a period of years. GCDC conducted a study to obtain the projected use of 78.7 MGD by 2039 based upon population and water use trends for the area currently served by the GCDC system. The GCDC explains that the request for 85 MGD provides a slight buffer over that which would be needed to account for water use in KWA member water treatment plants for such things as filter backwash. Additional buffer is provided to account for system losses. The GCDC as previously noted has set a goal of 5 percent for system losses. The DEQ determined the 85 MGD request is appropriate relative to the projected use, system operation and system water losses.

The DEQ has projected an increase in consumptive use of 8.5 MGD because the GCDC proposal is a new withdrawal. The GCDC proposed withdrawal does not affect the baseline capacity of the DWSD system or DWSD's future use of their existing baseline capacity. In the short term, the combined use of water for both the DWSD and GCDC systems will not significantly increase, because GCDC presently receives their water from DWSD. The proposed withdrawal was evaluated by the DEQ on the basis of DWSD maintaining their existing baseline capacity and evaluating the impact of a new 85 MGD withdrawal by GCDC from Lake Huron.

The consumptive use coefficient of 10 percent was obtained from *Table 3-2. Total water use by category for the Great Lakes Basin, by year, from the Great Lakes Commission annual reports, 1998-2002* in the USGS publication Consumptive Water-Use Coefficients for the Great Lakes Basin and Climatically Similar Areas, Scientific Investigations Report 2007-5197. Consumptive use coefficients for public supply over the years cited (1998-2002) were 10 and 11 percent, with 10 percent cited as the consumptive use over the entire period in question. The DEQ deemed this reference to be the most reasonable estimate of consumptive use.

Conservation Measures

There were multiple criticisms of the GCDC's commitment to water conservation. Specifically, that the GCDC identified no measures aimed at water use reduction noting that water conservation on new systems should be aggressive. Comments cited the published water conservation measures applicable to the public water supply sector noting that the GCDC has not made a commitment to each and every conservation measure. Specifically, their description of conservation measures did not include measures that promote water use conservation and the reduction of system leaks. Lastly, none of GCDC proposed wholesale or municipal customers provided information on compliance with Conservation Measures.

Commenters also expressed concern that the conservation measures identified by the GCDC were not consistent with the requirements of the Agreement and/or Compact. Plans for water use reduction or conservation were characterized as inadequate as nothing was mentioned relative to targeting system leaks and the promotion of efficient water use, in particular those leaks mentioned for the Detroit system. It was expressed that no new withdrawals should be approved until Detroit's leak problems are addressed. Some indicate there should be no approval of the withdrawal without a "water master plan" including impacts of current conservation and efficient use measures that have reduced total use and consumption. Commenters questioned whether there would be a continuation of conservation efforts made to date or whether there efforts would be improved upon. It was noted that a projected increase in population does not necessarily correspond to a projected increase in use, if one assumes more efficient use and conservation. Some commented that additional documentation is needed on water conservation measures including clear goals, targets and means of assessment.

Response to Comments: After January 1, 2009 permit applicant's are required to "self-certify" that they are in compliance with conservation measures developed by the applicable water

user's sector or developed for the water use associated with that specific withdrawal. The GCDC certified to the promotion of educational programs related to lawn sprinkling and other outside water uses, implementation of programs to promote water re-use and promotion of other water conservation measures by commercial and industrial facilities, and has set a goal of a less than 5 percent for system wide water losses. The GCDC practices "flat rate water billing," meters all water uses and bills commensurate with the metered water usage. The GCDC employs a local ordinance restriction on outdoor water use during periods of peak use.

The DEQ acknowledges the GCDC has not certified as to employing each and every water conservation measure identified for the public water supply sector, and notes there is not a requirement in Part 327 that they do so. The DEQ does commit to working with public water supplies to further water conservation efforts and will do so with the GCDC. Relative to the GCDC customers, the GCDC is making application on behalf of member communities of the KWA. All KWA members would participate in the implementation of the identified conservation measures. References to fixing deficiencies in the DWSD system are not germane to the GCDC permit application.

Reasonableness of Proposed Withdrawal

A number of comments were received relative to the reasonableness of the proposed withdrawal noting that any proposal must be considered on the basis of its purpose, suitability of use to location, the extent and amount of harm, benefits, necessity and manner of use, and other factors. The Agreement and Compact also require consideration of the economic and social value relative to potential environmental impacts and other factors. Generally, comments on the reasonableness of the proposed withdrawal focused on:

- The environmental harm that might be caused by the return of treated wastewater, and
- The necessity and amount of the withdrawal given the availability of Detroit system.

Specifically, on the issue of return flow there is a concern that points of discharge and downstream segments would be incapable of absorbing the projected 42 percent increase in discharge (based on future growth projection) without adverse impact. Commenter's claim numerous combined sewer overflows have occurred and requested verification that discharges are operating in compliance with existing laws.

Regarding the availability of the Detroit system, many comments made reference to the fact that the efficient use of existing systems is a required demonstration of reasonableness. There were claims the GCDC application should be rejected since the GCDC failed to rule out the option of using the existing DWSD system. Comments indicated that DWSW currently has the capacity to meet the needs of the GCDC and its customer municipalities, is already providing service to the proposed service area, and alleges to having made a commitment to providing reliability.

A few comments related to the economic and social value criteria of the Agreement and Compact, which requires consideration of the balance between economic development and social development and environmental protection on planned withdrawals from the same source

Response to Comments: There are four wastewater discharges by the City of Flushing, City of Flint, Genesee County's "Ragnone Plant" and the City of Lapeer. The four wastewater treatment plants are in the process of reducing infiltration and inflow from their collection systems. The National Pollutant Discharge Elimination System (NPDES) permits for the Flint and Genesee Ragnone plants discharges require treatment facility and collection system capacity analyses. The City of Lapeer proposes to rehabilitate their plant to increase the treatment capacity and accommodate an increase in population and service area. All are operating and are in compliance with the parameters stipulated by their respective NPDES permits. If the GCDC service area demands increase in the future, or if the service area expands, the DEQ will use the standard NPDES permit review/reissuance cycle (5-years) to

evaluate any impacts from increases in wastewater flow. That process will include public participation.

The efficient use of existing systems is an applicable consideration when a proposal for an increased withdrawal and consumptive use is before the DEQ for approval. That is to say, an existing system must demonstrate that it is not wasteful of its water before is request for an increase in use can be approved. Because this is a new withdrawal the requirement for efficient use of existing systems, specifically the efficient use of a system owned and operated by another party (DWSD), is not germane to the permit decision.

As a consideration on the reasonableness of a water use, social and economic development considerations must be balanced against environmental impact of the proposed withdrawal. The GCDC outlined the potential benefits including enhanced public safety, security and health that would be provided to area communities served by the proposed withdrawal. Many of the social benefits would arise as a direct outcome of the new intake, pipeline, shore well and treatment facilities correcting existing system deficiencies identified by the DEQ. The GCDC projects the proposed construction of facilities would provide a direct infusion of money, jobs and manufacturing opportunities to the area. The DEQ determined there would likely be no ARI to the commonly shared water source as the withdrawal is not of sufficient magnitude to perceptibly lower the levels of Lake Michigan and Lake Huron. Accordingly, the DEQ concludes the GCDC proposal meets the reasonableness criteria relative to social development, economic development, and environmental impact.

Adverse Impact and Requirements for Ecological Improvement

Comments pointed out that the Great Lakes states and provinces have agreed to protect, conserve, restore and improve the Great Lakes resources. Some additional analysis recommended that the DEQ ascertain if there might be a cumulative ARI and questioned why the DEQ has not required the submittal of proposed restorative measures as part of the application packet. Comment pointed out that the application packet included no information as to whether Detroit will reduce its water use, whether GCDC will remain a DWSD customer for backup, and whether DWSD will seek additional customers. Commenters indicated that if there is no net reduction in use cumulative impacts need to be addressed. Some believe what was referred to as a diversion could have a significant impact on the levels of the Great Lakes and set precedent for other large scale diversions. Eleven comments focused solely on the impact the withdrawal would have on lake levels.

Response to Comments: The DEQ has determined there would be no ARI caused by the impact of the proposed withdrawal, and no perceptible impact on the levels of the Great Lakes or connecting channels. Given the likely near term affect of the proposed withdrawal on the volume of the DWSD withdrawal, there is no identifiable issue of cumulative impacts. Part 327, ~~which is~~ the guiding legislation in the issuance of the permit, requires "preventative measures" be submitted as part of a permit application only when necessary to preclude an otherwise prohibited environmental impact. As a proposed new withdrawal, the DEQ evaluated the GCDC withdrawal without assuming there would necessarily be any change to DWSD capacity to withdraw~~al~~ water from the Great Lakes.

Diversion or Intra-Basin Transfer

A number of comments assumed that the proposed withdrawal constitutes a diversion, or intra-basin transfer, precluding DEQ approval under Part 327, the Agreement and Compact. Comments indicated the need for the GCDC to better identify the current and proposed service area. This was especially true in dealing with service to Shiawassee County as portions of the county are in both the Lake Michigan and Lake Huron watersheds. There was also concern that some of the service area and return flow might be to the St. Clair/Detroit River watershed, or discharged to the Lake Erie watershed resulting in an intra-basin transfer. There was concern

that approval of the withdrawal would set a dangerous precedent for the review of diversion and intra-basin transfers in the future.

Response to Comments: In accordance with Part 327, the Agreement and Compact, the DEQ has determined the proposed withdrawal would not constitute a diversion or intra-basin transfer. Portions of Shiawassee County lie in both the Lake Michigan and Lake Huron watersheds. However, Section 4.12.9 of the Compact states that Lake Michigan and Lake Huron are to be considered a single hydrologic unit and watershed. And therefore the transfer of water between Lake Michigan and Lake Huron watersheds is not considered a diversion under the Compact. None of the proposed service area lies within the watershed of the connecting channel or Lake Erie. Connecting channels are those waters and associated watershed that lie between any two of the Great Lakes. Section 4.12.7 of the Compact treats connecting channels as though they are part of both the Great Lake watersheds above and below the connecting channel.

In summary, within the applicable definitions of Part 327, the Agreement, and Compact the proposed withdrawal would not constitute a diversion or intra-basin transfer. It is a proposal potentially subject to Prior Notice and Consultation under the Charter because it is proposed as an in basin use with the only loss of Great Lakes waters due to the associated consumptive use.

Inadequate Information

A number of comments criticized the adequacy of the submitted information. Some suggested more information was needed on the movement of ground water and surface water to determine if the proposal will result in an intra-basin transfer or cause an adverse impact to the quantity and quality of Great Lakes basin waters. There were claims the proposal did not meet the requirements, spirit or intent of Agreement or Compact. The presumed inadequacy of information led to concern over consumptive use, service area information and water loss. There was also concern over inconsistencies in the information such as references to the new capacity of 85 MGD, a maximum capacity of 110 MGD and a firm capacity of 88 MGD. There were questions as to the relationship between the various cited capacities.

Others acknowledged the effort made to demonstrate consistency with the Agreement and/or Compact while noting information deficiencies. In a few instances commenter's requested information concurrent with a request for extension of the public comment period.

Response to Comments: A permit applicant under Part 327 is required to submit information including pumping capacity; location of withdrawal; withdrawal source; amount and rate of withdrawal; the maximum monthly and annual volumes and rates; relevant information related to seasonal use; a description of how the water will be used; the location, amount and rate of return flow; and an evaluation of existing hydrological and hydrogeological conditions. Other information may be provided at the discretion of the applicant with a description of preventative measures required where relevant.

Due to the magnitude of the withdrawal and its qualifying as a proposal potentially subject to Prior Notice and Consultation under the Charter, the DEQ requested the submittal of additional information. Extensive information was provided to meet information requirements in accordance with the Charter, the Agreement and Compact. The DEQ deemed the information sufficient and notified the GCDC of such on April 24, 2009.

Regarding the request for an extension of the public comment period, Part 327 contains a statutory limit on the time the DEQ may give to the consideration of a permit application. Once the applicant is notified of the completeness of application the DEQ has 120 days in which to render a decision. Given the time constraints and the adequacy of the application packet, the DEQ denied requests to grant an extension to the public comment period.

V. Summary of DEQ Position

The DEQ has determined the application for the GCDC proposed withdrawal of water from Lake Huron was submitted in accordance with the permit requirements of Part 327. Further, the proposed withdrawal is deemed not likely to cause an ARI and, as proposed, meets the intent of the Great Lakes Charter and the decision making standards of the Agreement and Compact. The DEQ based this determination on a review of the information and data pertinent to the factors used in making a decision on a permit application which included a thoughtful consideration of the comments received from the public, the other Great Lakes states, the Canadian provinces of Ontario and Quebec, and federally recognized tribes and first nations on the permit application, as made available for public review.

The authorized withdrawal capacity is 85 million gallons per day (maximum withdrawal in any single day). The DEQ will assure that capacity is not exceeded in the issuance of the required Michigan Safe Drinking Water Act construction permits (1976 P.A. 399, as amended). In addition, the DEQ will require as a condition of this Part 327 authorization that the participating members of the Karegnondi Water Authority be committed to a water conservation/water use efficiency program consistent with the water sector guidelines accepted by the state under Part 327, and posted on the DEQ website.

Genesee County Water issue

BACKGROUND

The Division of Water and Waste Services, Genesee County Drain Commissioner (GCDC) operates a regional water system that presently serves 154,000 residents in 19 townships and communities in Genesee County.

The GCDC purchases water from the City of Flint, which is supplied by the Detroit Water and Sewage Department.

Genesee County and the City receive water via a single 72-inch diameter transmission pipeline from the DWSD Lake Huron treatment plant. This pipeline was constructed over 40 years ago and has historically been very reliable. However, there have been recent repairs that underscore the need for additional facilities to ensure water service to the public.

In addition to the potential reliability problems with the existing pipeline, **both the City and Genesee County continue to resist rate increases from DWSD**. Both parties have historically disputed proposed rate increases, and have often discussed or investigated alternative sources for drinking water.

CHRONOLOGICAL SUMMARY OF EVENTS

February 12, 2009: Original submittal of the GCDC application under Part 327 of Act 451, Great Lakes Preservation, for a new withdrawal capacity of 85 million gallons per day (MGD) with a request the DEQ commence with the evaluation and public notice process was received by the Water Bureau (WB). Information was submitted in accordance with Part 327 and GL Charter/Compact requirements for "proposals subject to prior notice and consultation."

March 4, 2009: At the request of the Office of the Great Lakes (OGL), MDEQ, the GCDC was asked to provide additional information in accordance with "Preliminary – Temporary Great Lakes-St. Lawrence River Basin Water Resources Compact Rules."

April 6, 2009: Amended package of information received by the WB. Information was submitted in accordance with above mentioned rules.

April 24, 2009: MDEQ correspondence transmitted to the GCDC informing them of the "completeness of application." GCDC was notified of DEQ intent to conform with the Part 327 requirements for a public comment period of 45 days and the rendering of a decision on the permit application within 120 days. August 24, 2009 established as the deadline for rendering a decision.

May 26, 2009: In the spirit of the Great Lakes-St. Lawrence River Basin Water Resources Agreement (Agreement) and the Great Lakes-St. Lawrence River Basin Water Resources Compact (Compact), the OGL provided notice of the proposed withdrawal to states, provinces and Indian Nations and transmits amended application packet. The OGL requests comments by July 20, 2009 in order for DEQ to meet statutory obligations of Part 327.

May 28, 2009: WB transmits to GCDC a copy of the public notice with cover letter requesting the posting of notice on GCDC premises and at the shoreline property parcel in Sanilac County (location of shore well and pumping station). WB received from GCDC correspondence dated June 4, 2009 affirming compliance with posting requirements.

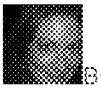
July 15, 2009: Public comment period on Part 327 permit application ends.

July 20, 2009: Comment period relative to the Agreement/Compact ends.

August 24, 2009: Part 327 statutory deadline for rendering a decision on the GCDC permit application.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 31, 2012 11:03 AM
To: Wurfel, Sara (GOV)
Subject: RE: Genesee Co water supply project TODAY's FLINT JOURNAL

Officials from Flint, Genesee County, Detroit to meet with state treasury on region's water future, officials say



By Kristin Longley | klongley1@mlive.com The Flint Journal
on October 31, 2012 at 7:16 AM, updated October 31, 2012 at 7:17 AM
Email | Print

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Flint water treatment plant *Ryan Garza | MLive.com file photo*

GENESEE COUNTY, MI -- In a meeting of all the major stakeholders, the city of Flint is expected to make its case to the state Thursday that joining a regional effort to build a new pipeline from Lake Huron is the best option for Flint's future water.

The meeting is expected to include representatives from Flint emergency financial manager Ed Kurtz's administration as well as the Genesee County Drain Commissioner's Office, Detroit Water and Sewerage Department and thr Michigan Treasury department, Flint officials said this week.

"The state is looking to bring all the parties to one place to look at the numbers," said Howard Croft,

Flint's director of infrastructure. "All the pros and cons and all the people involved will be in the room."

Flint and Genesee County have been getting water from Detroit under a 30-year contract that is now expired, and are looking to break away because of continuing price increases.

Officials with the Flint emergency manager's office have been exploring several options for water since the city was taken over by the state in December. The options included treated Flint River water as well as blending Detroit water with Flint River water.

Now, Flint authorities say joining with Genesee County officials on building a new pipeline from Lake Huron is the best bet in order to stabilize Flint water rates over the long term.

The pipeline would service a wider region that could also include Lapeer, Sanilac County and Lapeer County, called the Karegnondi Water Authority.

"We're comfortable with the work we've done. We believe the numbers bear out," Croft said. "This is taking it to the next level, taking it to the state and saying these are our options."

Kurtz said that, under the emergency financial manager law, the state treasurer has to sign off on any deal more than $50,000 -- which certainly applies to the pipeline project that's expected to cost the three-county region up to $300 million.

The Genesee County Board of Commissioners took steps last week to borrow up to $35 million to cover the initial construction costs for the pipeline.

Genesee County Drain Commissioner Jeff Wright said he was asked to attend the meeting Thursday in Lansing. He said his office will be glad to be there to answer any questions about the KWA proposal.

County officials claim that continuing to buy water from the city of Detroit will cost the region $2.1 billion during the next 25 years. By building a pipeline, that cost would no more than $1.9 billion over the same period.

"It's cheaper to build our own system than to continue to pay more and more to the city of Detroit," Wright said. "This is about the least expensive way for our people to get the best quality water."

Croft said the Flint River isn't the best option for Flint's primary source because of concerns about capacity during drought conditions and questions about what the city and county would rely on as their state-required backup source, which is currently the river.

If the city were to make the Flint River its primary source, major upgrades would have to be made to the dams and other infrastructure, Croft said.

Blending river water with Detroit water would still leave Flint vulnerable to future rate increases from Detroit, he said.

Going with the KWA pipeline, on the other hand, would mean a fixed water cost, Croft said.

"A lot of things are conditional (with blending)," Croft said. "That's not a good scenario for us. We're looking for a long-term solution not a short-term one."

Still, no decisions have been finalized, he said.

"The state has to support any decision of this magnitude," he said. "This is about us making the best-informed decision we can make

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-241-7395 - office
PPI - cell

From: Milne, James (DEQ)
Sent: Wednesday, October 31, 2012 10:11 AM
To: Wurfel, Brad (DEQ)
Cc: Fisher, Brant (DEQ); LeBaron, Andrew (DEQ)
Subject: Genesee Co water supply project

See if the attached files give you what you need. Brant Fisher & Andy LeBaron are probably the best people to talk to about this project.

Jim Milne, Great Lakes Shorelands Unit Chief
Water Resources Division
MI Dept. of Environmental Quality
ph: 517-373-4608 fax: 517-373-6917
e-mail: milnej@michigan.gov

This Document is a Non-Responsive Attachment.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 31, 2012 11:06 AM
To: Wurfel, Sara (GOV)
Subject: You want the Flint issue in two sentences? Here they are.

County officials claim that continuing to buy water from the city of Detroit will cost the region $2.1 billion during the next 25 years. By building a pipeline, that cost would no more than $1.9 billion over the same period.

"It's cheaper to build our own system than to continue to pay more and more to the city of Detroit," Wright said. "This is about the least expensive way for our people to get the best quality water."

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
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From: Buhs, Caleb (Treasury)
Sent: Wednesday, October 31, 2012 11:39 AM
To: Wurfel, Sara (GOV); Stanton, Terry A. (Treasury)
Subject: RE: Genesee Co water supply project TODAY's FLINT JOURNAL

The article is correct, we will be meeting with both proponents and opponents of the potential pipeline project. There isn't much to say at this point, Treasury does not have an opinion yet, as we will be getting the full briefing tomorrow.

Here is what we know:
-A group is proposing a water pipeline from Lake Huron to the Flint Metro area, which would eliminate the need to purchase water from Detroit Water and Sewer Department (DWSD).

-The design and cost estimates have yet to be completed.

-The City of Flint has contributed about $25-30k towards the costs of the studies.

-DWSD is opposed to the plan for the obvious reason that they would lose customers. DWSD officials have pointed out that a study was done in the 90's that concluded that a project of this nature would not be cost effective.

-This would allow Flint to control their own water costs and quality and provide opportunities for industrial growth.

Since Treasury officials have not been briefed on all the information yet, I would keep the statement from the Governor rather high-level, something like:

Treasury officials will be meeting with Genesee County and Detroit officials tomorrow to get the details of the proposed pipeline plan. Until the ultimate costs are known and the various studies have been conducted, the benefits to the citizens of Flint and Genesee County cannot be determined.

Feel free to call me if you have any questions.

Caleb

From: Wurfel, Sara (GOV)
Sent: Wednesday, October 31, 2012 11:10 AM
To: Buhs, Caleb (Treasury); Stanton, Terry A. (Treasury)
Subject: FW: Genesee Co water supply project TODAY's FLINT JOURNAL
Importance: High

Per our quick conversation, Caleb. Any update you can provide ASAP from Treasury role and perspective will be great.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, October 31, 2012 11:03 AM
To: Wurfel, Sara (GOV)
Subject: RE: Genesee Co water supply project TODAY's FLINT JOURNAL

Officials from Flint, Genesee County, Detroit to meet with state treasury on region's water future, officials say

By Kristin Longley | klongley1@mlive.com The Flint Journal
on October 31, 2012 at 7:16 AM, updated October 31, 2012 at 7:17 AM
Email | Print

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Flint water treatment plant *Ryan Garza | MLive.com file photo*

GENESEE COUNTY, MI -- In a meeting of all the major stakeholders, the city of Flint is expected to make its case to the state Thursday that joining a regional effort to build **a new pipeline from Lake Huron** is the best option for Flint's future water.

The meeting is expected to include representatives from Flint emergency financial manager Ed Kurtz's administration as well as the Genesee County Drain Commissioner's Office, Detroit Water and Sewerage Department and thr Michigan Treasury department, Flint officials said this week.

"The state is looking to bring all the parties to one place to look at the numbers," said Howard Croft, Flint's director of infrastructure. "All the pros and cons and all the people involved will be in the room."

Flint and Genesee County have been getting water from Detroit under a 30-year contract that is now expired, and are looking to break away because of continuing price increases.

Officials with the Flint emergency manager's office have been exploring several options for water since the city was taken over by the state in December. The options included treated Flint River water as well as blending Detroit water with Flint River water.

Now, Flint authorities say joining with Genesee County officials on building a new pipeline from Lake Huron is the best bet in order to stabilize Flint water rates over the long term.

The pipeline would service a wider region that could also include Lapeer, Sanilac County and Lapeer County, called the Karegnondi Water Authority.

"We're comfortable with the work we've done. We believe the numbers bear out," Croft said. "This is taking it to the next level, taking it to the state and saying these are our options."

Kurtz said that, under the emergency financial manager law, the state treasurer has to sign off on any deal more than $50,000 -- which certainly applies to the pipeline project that's expected to cost the three-county region up to $300 million.

The Genesee County Board of Commissioners took steps last week to borrow up to $35 million to cover the initial construction costs for the pipeline.

Genesee County Drain Commissioner Jeff Wright said he was asked to attend the meeting Thursday in Lansing. He said his office will be glad to be there to answer any questions about the KWA proposal.

County officials claim that continuing to buy water from the city of Detroit will cost the region $2.1 billion during the next 25 years. By building a pipeline, that cost would no more than $1.9 billion over the same period.

"It's cheaper to build our own system than to continue to pay more and more to the city of Detroit," Wright said. "This is about the least expensive way for our people to get the best quality water."

Croft said the Flint River isn't the best option for Flint's primary source because of concerns about capacity during drought conditions and questions about what the city and county would rely on as their state-required backup source, which is currently the river.

If the city were to make the Flint River its primary source, major upgrades would have to be made to the dams and other infrastructure, Croft said.

Blending river water with Detroit water would still leave Flint vulnerable to future rate increases from Detroit, he said.

Going with the KWA pipeline, on the other hand, would mean a fixed water cost, Croft said.

"A lot of things are conditional (with blending)," Croft said. "That's not a good scenario for us. We're looking for a long-term solution not a short-term one."

Still, no decisions have been finalized, he said.

"The state has to support any decision of this magnitude," he said. "This is about us making the best-informed decision we can make

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-241-7395 - office
PPI - cell

From: Milne, James (DEQ)
Sent: Wednesday, October 31, 2012 10:11 AM
To: Wurfel, Brad (DEQ)
Cc: Fisher, Brant (DEQ); LeBaron, Andrew (DEQ)
Subject: Genesee Co water supply project

See if the attached files give you what you need. Brant Fisher & Andy LeBaron are probably the best people to talk to about this project.

Jim Milne, Great Lakes Shorelands Unit Chief
Water Resources Division
MI Dept. of Environmental Quality
ph: 517-373-4608 fax: 517-373-6917
e-mail: milnej@michigan.gov

This Document is a Non-Responsive Attachment.

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Wednesday, March 27, 2013 10:30 AM
To: Wurfel, Sara (GOV)
Subject: status of flint's participation in kwa water pipeline

Sara:
I'm following up on the Flint City Council vote Monday to join in the KWA water pipeline project (a link to our story is attached).
The vote comes after the mayor and emergency manager endorsed the project as well.
As you know, because of the emergency manager in Flint, we have been waiting to see if the state will allow for the expenditures involved in building the pipeline.
Can we get a comment on where the state is in making that decision?
Thanks,

Ron Fonger
810.347.9963

http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html#incart_river_default

From: Buhs, Caleb (GOV)
Sent: Friday, April 05, 2013 8:24 AM
To: Wurfel, Sara (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV); Holyfield, Jeff (GOV)
Subject: Fwd: Flint Water TPs

Here is an email I sent out last week and haven't received any feedback yet. I will touch base with everyone again on Monday to finalize a comm plan ahead of AD's approval of Ed Kurtz's resolution.

Begin forwarded message:

> **From:** "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
> **Date:** March 29, 2013, 5:05:17 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
> **Cc:** "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>
> **Subject: Flint Water TPs**
>
> Here is the start of some topline messages for Flint … I don't think that we need to get too deep into the specifics on the deal, we can leave that to Ed and others to discuss. Please let me know of any suggestions and additions that you have. I plan to also put together some background information that we can have on hand when discussing the topic. As I mentioned before, it likely won't be until the week of Apr 8th that we discuss this publicly.
>
> - This is a decision made by the City of Flint and is a local decision that affects their local water supply.
> - Flint Emergency Manager Ed Kurtz has heavily involved the city's elected officials throughout the decision-making process and all agree that this is best for the citizens and businesses in Flint.
> - This will save Flint at least $100 million over the next 25 years, and possibly as much as $300 million.
> - The Departments of Treasury and Environmental Quality have approved the financial and environmental soundness of KWA's plan.
> - Flint accounts for only 2% of DWSD's capacity.
>
> Thanks,
> Caleb

From: Buhs, Caleb (GOV)
Sent: Monday, April 08, 2013 7:22 AM
To: Wurfel, Sara (GOV)
Cc: Weiss, Kurt (GOV); Silfven, Ken (GOV); Holyfield, Jeff (GOV)
Subject: Re: Flint Water TPs

Terry and I have been in contact over the weekend and plan to have a plan together this morning.

On Apr 8, 2013, at 1:15 AM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

> Thanks, Caleb. (And welcome back!)
>
> Agreed, though I think there's going to need to be couple of topline message points that get to Treasurer's review process very generally (ala Ron Fonger's piece that pointed out that one community is going to lose while another "wins" regardless of the outcome). Doesn't sound like Detroit may take lighlty if that ends up being outcome.
>
> We also do need a comms/outreach plan to make sure we've got all components and notification bases covered.
>
> ---
>
> **From:** Buhs, Caleb (GOV)
> **Sent:** Friday, April 05, 2013 8:24 AM
> **To:** Wurfel, Sara (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV); Holyfield, Jeff (GOV)
> **Subject:** Fwd: Flint Water TPs
>
> Here is an email I sent out last week and haven't received any feedback yet. I will touch base with everyone again on Monday to finalize a comm plan ahead of AD's approval of Ed Kurtz's resolution.
>
> Begin forwarded message:
>
> > **From:** "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
> > **Date:** March 29, 2013, 5:05:17 PM EDT
> > **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>
> > **Cc:** "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>
> > **Subject: Flint Water TPs**
> >
> > Here is the start of some topline messages for Flint … I don't think that we need to get too deep into the specifics on the deal, we can leave that to Ed and others to discuss. Please let me know of any suggestions and additions that you have. I plan to also put together some background information that we can have on hand when discussing the topic. As I mentioned before, it likely won't be until the week of Apr 8th that we discuss this publicly.
> >
> > - This is a decision made by the City of Flint and is a local decision that affects their local water supply.

- Flint Emergency Manager Ed Kurtz has heavily involved the city's elected officials throughout the decision-making process and all agree that this is best for the citizens and businesses in Flint.

- This will save Flint at least $100 million over the next 25 years, and possibly as much as $300 million.

- The Departments of Treasury and Environmental Quality have approved the financial and environmental soundness of KWA's plan.

- Flint accounts for only 2% of DWSD's capacity.

Thanks,
Caleb

From: Buhs, Caleb (GOV)
Sent: Thursday, April 11, 2013 6:59 AM
To: Wurfel, Sara (GOV)
Cc: Weiss, Kurt (GOV)
Subject: Re: Contact - Flint Journal & water

We will handle this morning. Just so you're aware, Treasury is planning to announce determination today, I will send the comm plan around to everyone.

On Apr 11, 2013, at 12:11 AM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

> Hi there guys - had a voice mail from Dominick (sp) Adams at Flint Journal late this afternoon your time re: "when Governor was going to decide on Flint's water?" Have not talked with him. And haven't seen the news yet (though haven't had a chance to really keep on top of things) so assuming that's still pending. His contact info is attached. Thx!
>
> <Contact.vcf>
>
>
>
> Sara Wurfel
> Press Secretary | Executive Office of Governor Rick Snyder
>
> Sent from my iPhone

From: Buhs, Caleb (GOV)
Sent: Thursday, April 11, 2013 7:13 AM
To: Silfven, Ken (GOV); Weiss, Kurt (GOV); Holyfield, Jeff (GOV); Wurfel, Sara (GOV); Muchmore, Dennis (GOV)
Subject: Flint Water Distribution Comm Plan
Attachments: Flint Water Distribution Comm Plan.docx

Attached is the comm plan for the announcement of the Treasurer's determination on the Flint water plan today. Terry will be handling at Treasury, contacting media and fielding follow-up questions. Given that this was the Treasurer's determination to make, we will send all inquiries to Terry. If we receive any questions specific to the Governor I will handle in the afternoon when I get back from Grand Rapids.

Caleb

Flint Water Distribution Comm Plan and Talking Points

4/11/13

Flint Emergency Manager Ed Kurtz submitted a resolution to Treasurer Dillon on Friday, March 29th, seeking approval for Flint to join the Karegnondi Water Authority (KWA) to secure potable water for the City of Flint. The move to join KWA would remove Flint as a customer of Detroit Water and Sewer Department (DWSD). Treasurer Dillon was required to approve the resolution by EM Ed Kurtz per PA 436, because it was an expenditure over $50,000

Communication Plan

Thursday, April 11, 2013

- **9:00 a.m.** Send official notification of approval to EM Ed Kurtz (Brom Stibitz/Amy Hichez)
- **10:00 a.m.** Call Flint Mayor and Council President (Andy Dillon)
- **10:30 a.m.** Call DWSD to notify of decision (Andy Dillon/Brom Stibitz)
- **10:30 a.m.** Contact Flint media (Terry Stanton/Caleb Buhs)
    - Ron Fonger, MLive; WNEM; WJRT; WEYI

Topline Messages

- This is a decision made by the City of Flint and is a local decision that affects their local water supply.
- After thorough review and analysis, Treasurer Dillon approved the resolution for Flint to join the KWA.
- Flint Emergency Manager Ed Kurtz has worked closely the city's elected officials throughout the decision-making process and all agree that this is best for the citizens and businesses in Flint.
- This is a good example of an EM and city officials collaborating to determine the best course of action for the city's future.
- The Departments of Treasury and Environmental Quality have approved the financial and environmental soundness of KWA's plan.
- Flint accounts for only 2% of DWSD's capacity.
- With continued efficiency improvements and ongoing administrative restructuring, DWSD will be suited to handle the loss of customers.

Background

- This move will allow Flint to control future water rates for Flint residents.
- This will save Flint at least $100 million over the next 25 years, and possibly as much as $300 million.

DRAFT

- Genesee County planned to build pipeline whether Flint was part of the project or not. The removal of the county from DWSD accounts for 4% of their capacity.
- Collaboration between the City of Flint and Genesee County could signify the start of a better relationship and could lead to future collaborative endeavors.

DRAFT

From: Buhs, Caleb (GOV)
Sent: Thursday, April 11, 2013 9:19 AM
To: Silfven, Ken (GOV); Weiss, Kurt (GOV); Holyfield, Jeff (GOV); Wurfel, Sara (GOV); Muchmore, Dennis (GOV)
Subject: Re: Flint Water Distribution Comm Plan

FYI, I was told this was on hold until final sign-off is received. I will keep everyone updated as I hear more.

On Apr 11, 2013, at 7:13 AM, "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov> wrote:

> Attached is the comm plan for the announcement of the Treasurer's determination on the Flint water plan today. Terry will be handling at Treasury, contacting media and fielding follow-up questions. Given that this was the Treasurer's determination to make, we will send all inquiries to Terry. If we receive any questions specific to the Governor I will handle in the afternoon when I get back from Grand Rapids.
>
> Caleb
>
> <Flint Water Distribution Comm Plan.docx>

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Friday, April 19, 2013 11:45 PM
To: Wurfel, Sara (GOV)
Subject: RE: Flint & DWSD water

Thanks Sara.
I got Caleb's message and passed it on to Dominic.
They had already talked.
Appreciate the follow-up.

Ron Fonger
810.347.9963

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Friday, April 19, 2013 5:45 PM
To: Fonger, Ronald
Subject: FW: Flint & DWSD water

From: Wurfel, Sara (GOV)
Sent: Friday, April 19, 2013 5:42 PM
To: Ron Fonger - Flint Journal; Dominic Adams - MLive/Flint Journal
Cc: Buhs, Caleb (GOV)
Subject: Flint & DWSD water

Ron and Dominic –

Just wanted to confirm that I received both of your messages and I believe Caleb Buhs has tried to reach and get back with you. I believe you and the Journal are all set. Just in case, he's cc'd here and his cell is PPI

So you know, our team has been on different assignments so thankfully both Kurt Weiss and Caleb Buhs have been on loan to our team to help cover in the interim. So Dominic – when you get calls from one of them, they are calling on my and the Governor's behalf.

Thanks much and best regards,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Buhs, Caleb (GOV)
Sent: Thursday, April 25, 2013 4:28 PM
To: Wurfel, Sara (GOV)
Subject: Flint Water Update

Have you heard any news on the Flint water situation this week? Fonger just checked in with me. I haven't heard anything and we said we were looking for a resolution in a week.

From: Wurfel, Brad (DEQ)
Sent: Friday, April 26, 2013 12:41 PM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Wyant, Dan (DEQ); Creal, William (DEQ); Buhs, Caleb (Treasury)
Subject: Detroit pitches 45 percent water rate cut to Flint after rejection of "final" offer | MLive.com

Detroit water story!

http://www.mlive.com/news/flint/index.ssf/2013/04/final_water_offer_wasnt_final.html

Sent from my iPhone

From: Stibitz, Brom (Treasury)
Sent: Friday, April 26, 2013 4:51 PM
To: Muchmore, Dennis (GOV); Roberts, John (GOV); Dillon, Andy (Treasury)
Cc: Buhs, Caleb (GOV); Wurfel, Sara (GOV); Stanton, Terry A. (Treasury)
Subject: Flint/DWSD
Attachments: Kevyn Orr - April 26, 2013.pdf

Ed Kurtz and Kevyn Orr spoke this afternoon. Ed indicated that Flint will not accept the last offer from DWSD. His formal letter is attached.

I spoke with both (separately) after the call. They both indicated that they had a good conversation, and that they sincerely look forward to working with the other in good faith over the next couple years.

Kevyn indicated that he would follow up with Sue McCormack, and that his direction will be that there be no more talking to the press about the issue. Ed plans to stay silent on the deal until Monday, at which time he will address the issue in a matter of fact matter, and stay away from any divisive language regarding the issue.

Brom Stibitz
Senior Policy Advisor
Michigan Department of Treasury
517-373-3223
stibitzb@michigan.gov

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
EDWARD J. KURTZ

ELECTRONIC LETTER

April 26, 2013

Mr. Kevyn Orr
Emergency Manager
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 1126
Detroit, MI 48226

RE: DWSD Offer Evaluation

Dear Mr. Orr:

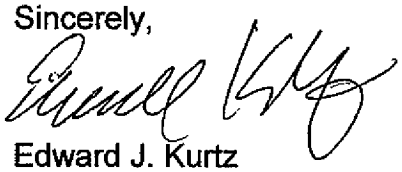
DWSD's offer of a Public/Public Partnership appears on the surface to offer significant cost of water savings, particularly in the near-term. However, further analysis exposes several flaws and weaknesses with the offer that reduce any potential appeal. First, the offer continues to use a grossly inaccurate estimate of the KWA operating and capital costs over the next thirty years. This one estimate is off by at least $800 million and perhaps by as much as $1 billion over that timeframe. And since DWSD claims "total savings to the Flint region are over $900 million", they have relied on this flawed estimate of KWA cost to make this claim. This offer also relies on a projection based on very little capital expenditures, no repairs on a system that is past its life expectancy, and annual rate increases of 4.7% over the next 30 years.

Secondly, and of much greater concern to Flint and GCDC, DWSD's offer of partnership would not so much foster a true collaborative relationship, but instead contractually transfers significant liability and risk for the next thirty years. DWSD's offer states the contract "would reflect more input into and control over system investments and cost variables." Unfortunately, these future investments and cost variables are not contained in the DWSD cost estimates. DWSD has included a fixed monthly charge to recover allocated capital revenue requirements, but this number is largely for past expenditures and debt costs, and does not include the significant future capital costs which will be required to maintain their nearly 50 year-old system. Once again quoting from the

DWSD April 24th offer letter under the Rate Increase Guarantee section – "DWSD proposes a guarantee that the capital portion of the Lake Huron System rate structure (the fixed monthly charge) will not increase for the life of the contract, unless additional capital investment is made in current and future Lake Huron System facilities." No one disputes that additional capital costs will be required that will total in the millions of dollars.

The DWSD offer is able to appear to offer savings on the surface since they have offloaded much of the above future capital costs. But to do so, DWSD has had to gloss over or simply ignore these large future expenditures. If these unaccounted for capital costs were to be calculated and added to the 30 year Flint and GCDC cost of water estimates, the DWSD offer becomes one in which the savings swing far to the advantage of the Karegnondi Water Authority.

Sincerely,



Edward J. Kurtz

ATTACHMENT 1

This offer has more risk involved than previous proposals. KWA would be responsible for between 20% and 100% of the repair costs on the pipeline and related assets from Port Huron

The numbers in the offer do not make sense. DWSD indicates savings of over $900 million while KWA's total cost over 30 years is less than $650 million.

Offer is based on very little capital improvements, no repairs and a 4.7% annual increase over the life of the contract.

There are no rate guarantees after the first year for capital, O & M or consumption.

KWA would be responsible for redundancy at a cost of $94.68 million per DWSD's estimate.

Does not guarantee a rate structure if system regionalizes or DWSD regionalizes, or Detroit enters bankruptcy.

Flint and Genesee County could have a connected waste/water system that serves all or part of five counties.

The potential for further consolidation of services between the city and the county i.e...water, wastewater, 911, etc,

This partnership will give Flint ownership of its own water supply system with real representation on its board of directors, making all treatment and delivery system decisions.

Flint's participation allows them to utilize its own water treatment facility that it has invested 50 million into and only currently exercises four days per year.

The investment gives us a new pipeline with a life expectancy of 75 years, as well as a 2nd product, untreated water. Under DWSD we would have no ownership after the end of the contract, and a new pipeline would still need to be built.

A 30 year contract with DWSD keeps us on a system that is 48 years old with a design life of 75 years. There will be necessary major investments or replacement costs that are not accounted for in this DWSD proposal.

KWA guarantees its capitol rate for 25 years. The capitol rate is 90 % of the total costs.

The commodity charge of $1.30 per mcf is mainly driven by energy costs. The whole operation will employ 5-7 people.

A thirty year contract with DWSD will lock Flint into hundreds of employees, labor costs and legacy costs.

The combination of low financing, labor and material make this the optimal time for this investment. At our meeting with the governor on April 19th Detroit acknowledged a second pipeline had to be built.

KWA could be used as a backup emergency supply for the existing 48 year old pipeline.

It brings a total economic package to our community i.e. We have the I-69 corridor, I-75 interchange, the rail system connected to Port Huron, and one of the busiest airports in the state. Owning our own water supply completes that package and keeps $25 million in our community.

Mr. Fausone's continued insistence on a 12 month timeline to calculate the termination fees leaves a question mark on the costs.

Construction Costs

- Rowe/AECOM/J & H $272,000,000
- TYJT $357,000,000

  Include: 10% bond coverage (dispelled)

  30% additional engineering (dispelled)

  Back-up power (dispelled)

- DWSD Starts at: $357,000,000 and adds:

  $134,630,000 for bond sizing

  $11,074,500 for bond sale cost

  For a total of: $503,274,500

  Plus need to collect $6,984,000 per year extra for bond coverage (20%)

Now we need:

20% bond coverage

30% additional engineering

38% bond sizing

We dispelled TYJT numbers; now DWSD starts with those numbers and adds more They add the same costs to Flint and GCDC construction costs (baseline figures and assumptions – KWA)

Baseline Figures and Assumptions - KWA Scenario

	DWSD Water Rate Structure			
	Fixed	Standby	Commodity	
2014	738,006	#N/A	13.01	Service ceases after 2016

Total Water Service Costs for Flint / Genesee County Drain Commission

Costs of Current Facilities / Operations

Same as DWSD scenario

Costs of Future Facilities / Operations

Financing Costs for New Projects	Flint WTP Improvements	GCDC WTP and Other	KWA System (a)
Project Cost	7,100,000	110,038,554	357,578,060
Bond Sizing Factor	37.65%	37.65%	37.65%
Additional Bond Proceeds Needed	2,670,000	41,430,000	134,630,000
Bond Sale Size	9,800,000	151,500,000	492,200,000
Bond Issuance Expenses - %	2.25%	2.25%	2.25%
Bond Issuance Expenses	220,500	3,408,800	11,074,500
Finance Rate	5.00%	5.00%	5.00%
Finance Term	25	25	25
Bond Reserve Size - %	10.00%	10.00%	10.00%
Bond Reserve Size	980,000	15,150,000	49,220,000
Capitalized Interest term - years	3	3	3
Capitalized Interest	1,470,000	22,725,000	73,830,000
Net Bond Proceeds	7,129,500	110,216,200	358,075,500
Annual Debt Service Payment	695,300	10,749,300	34,922,800
Debt Service Coverage Requirement	120.00%	120.00%	120.00%
Annual Debt Service Coverage	139,100	2,149,900	6,984,600
Replacement?	144,900	2,251,600	(b)
Total Capital Financing Revenue Req't	979,300	15,150,800	41,907,400
Operating Cost Estimate Starting in FY 2017	8,270,000	1,819,900	(c)

(a) excludes raw water reservoir
(b) assume no annual replacement required for pipeline
(c) $1.30 per Mcf inflated to 2017

From: Wurfel, Brad (DEQ)
Sent: Tuesday, April 30, 2013 4:24 PM
To: Stanton, Terry A. (Treasury); Buhs, Caleb (Treasury); Wurfel, Sara (GOV); Silfven, Ken (GOV)
Subject: Fwd: Flint/KWA

Sent from my iPhone

Begin forwarded message:

> **From:** "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>
> **Date:** April 30, 2013, 3:55:36 PM EDT
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Subject: Flint/KWA**
>
> Brad,
>
> FYI. The press release on Flint's decision regarding KWA and DWSD is being postponed until tomorrow. Jeff Wright, Genesee Co., is in Chicago today and Kurtz wanted him to be available to answer questions.
>
> If something comes up my number is listed below.
>
> Stephen Busch, P.E.
> Lansing and Jackson District Supervisor
> Office of Drinking Water and Municipal Assistance
> MDEQ
> 517-643-2314

From: Buhs, Caleb (Treasury)
Sent: Tuesday, April 30, 2013 5:03 PM
To: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Stibitz, Brom (Treasury)
Subject: Flint sticking with KWA water pipeline, spokesman for Gov. Rick Snyder says

FYI … I spoke with Fonger this morning and this is his story. I had asked him to confirm with Ed Kurtz, but apparently he didn't want to wait.

http://www.mlive.com/news/flint/index.ssf/2013/04/spokesman_for_gov_rick_snyder.html

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Friday, October 18, 2013 10:39 AM
Subject: Press Release: EM Statement on Water
Attachments: Earley Statement on Water.pdf; WaterPres053112.PDF; Cost Comparison. KWA v DWSD.pdf

The attached release contains an official statement from Emergency Manager Darnell Earley regarding water issues.

Also attached are the water presentation from May, 2012 and the cost comparison report of KWA & DWSD from October, 2012 that were referenced in today's EM press briefing.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

Emergency Manager Darnell Earley Committed to Increased Transparency and Detailed Information on Water Rates

Flint, Michigan – October 18, 2013 –Flint Emergency Manager Darnell Earley has today announced that the City of Flint's water issues will be one of his key concerns in his new role and a top priority for his team. With the major decision to join the Karegnondi Water Authority made and the beginning of construction on the water intake and pipeline approaching, Mr. Earley expressed his commitment to thoroughly reviewing and assessing the scope of the issues in the following statement:

"Good management can only be accomplished with a careful examination of the facts; I want my efforts to reflect data driven decisions made with the most accurate information obtainable. As I said when I arrived, I will be making the areas of most concern to Flint residents my top priorities; the future of Flint's water supply, water system and the cost of operation and maintenance are as important to Flint residents as public safety or any other major obligations of a full service city such as Flint.

–CONTINUE–

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY

I also want to be transparent in what we glean from this exercise; through this initiative I will keep the public as informed on the process as I am as we go forth. It is for that reason that I plan to examine this issue with the help of an independent, third party consultant in order make a fair and impartial assessment. The goal of this assessment is to ensure that the long term costs of the KWA decision are accurately and openly reflected in the water rates charged to residents and businesses.

Water prices are a key concern to Flint water users, so as we look forward we want to provide them with an understanding of how they are set and to inform residents of available assistance. We currently have a poverty exemption for a portion of water and sewer charges available to low income homeowners and a lowered water deposit for low income renters. The City of Flint has done all that it can in the short term to ease the burden of water increases. Now is the time to look to the future; we want to ensure that our residents get the best possible service at the best cost through a sustainable system and a process that is self supporting for decades to come."

-Darnell Earley
Flint Emergency Manager

–END–

City Hall
1101 S. Saginaw Street - Flint, Michigan 48502
810-766-7346 FAX: 810-766-7218 www.cityofflint.com

City of Flint

Water Forum

5/30/2012

City Of Flint Water Forum

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City Of Flint Water History Facts

Current Treatment Plant was put into service in 1954.

Current 72" main pipeline was completed in 1970.

Flint signed a 30 year contract with Detroit water and Sewer Department in the mid 1960's.

The contract with DWSD has expired and we are currently operating on a yearly extension.

In 2006 Flint completed a $48,000,000 upgrade of the existing Water Plant. (Required by the MDEQ & for backup only).

Flint's Water & Sewer System is approximately a 300,000,000 Enterprise.

Flint's Water & Sewer System is designed to deliver water to over 200,000 people with over 1,500 miles of infrastructure.

Flint's most recent census count shows a population of approximately 102,000 in 2010.

Flint's census population in 2000 was approximately 124,000.

The water system had over 45,000 customers in June of 1999.

The water system had just over 36,000 customers by June 2011.

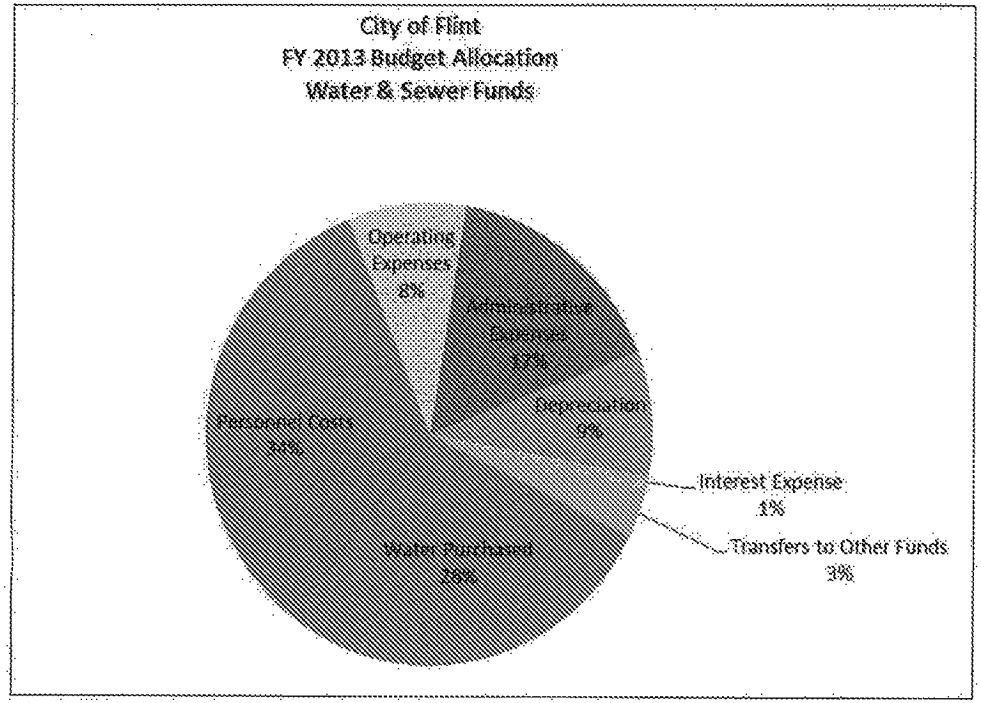
The "Fixed Costs" that must be covered to maintain the system and deliver quality water have increased over time.

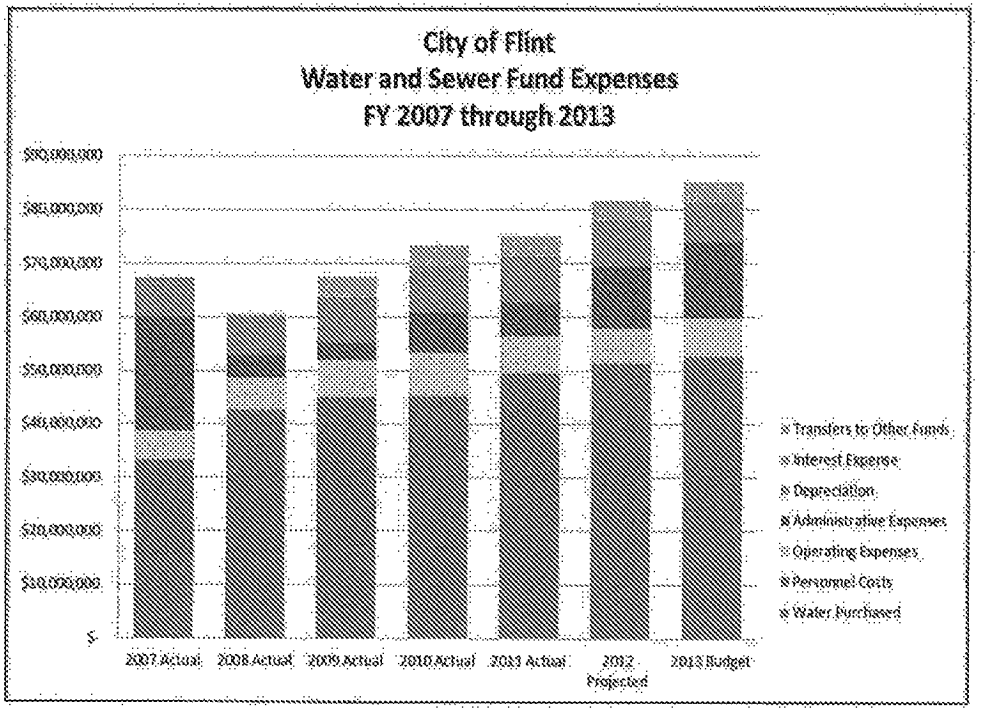
City Of Flint
Most Frequently Asked Questions about Water

- ❑Why are the water rates so high ?
- ❑How does my water bill work (Explanation of charges) ?
- ❑Why do others in the area pay less for the same amount of water ?
- ❑Where has all of the water and sewer fund money gone ?
- ❑What do I do if I think my bill is incorrect ?
- ❑What effect does leakage or theft have on my bill ?
- ❑How can I report water theft ?
- ❑Why don't we go back to using the Flint River like we once did ?

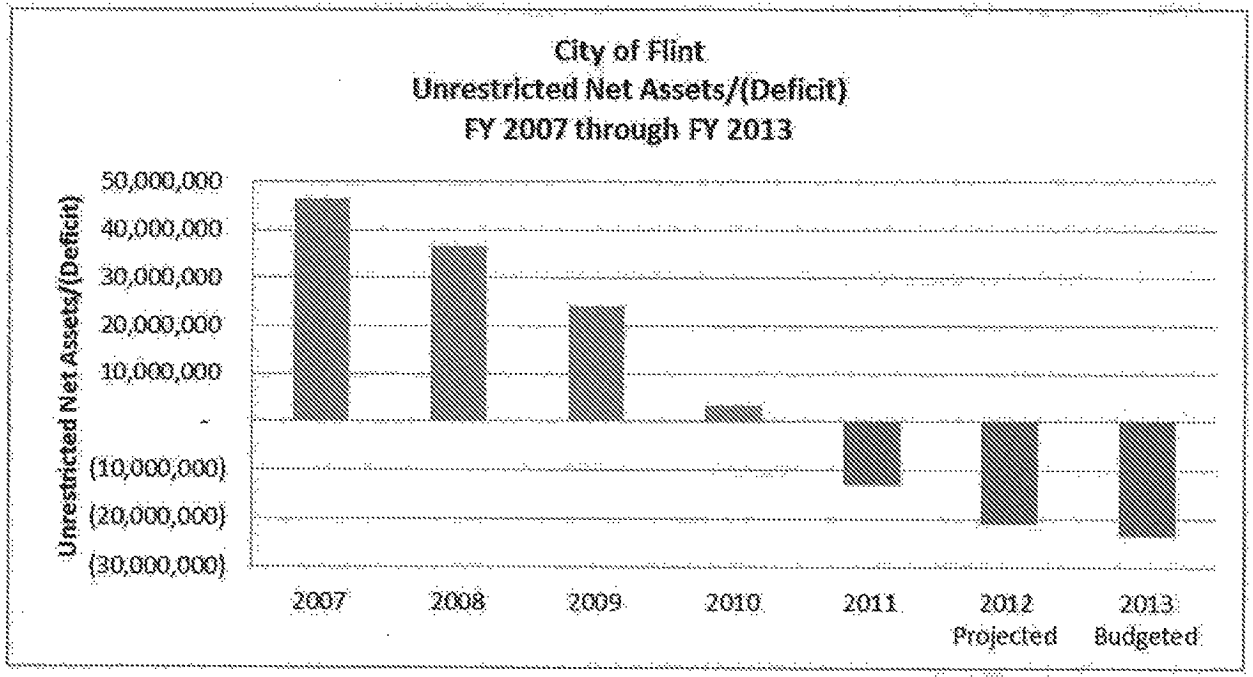
City of Flint

Budget Allocation and Fund Expenses





	Audited 2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Projected	2013 Budget
Operating Revenues	51,090,679	51,100,332	51,906,553	47,926,589	54,385,644	67,983,044	81,734,552
Other Revenues	2,627,939	3,274,450	1,442,383	764,886	68,645	126,670	455,867
Annual Revenues	53,718,618	54,374,782	53,348,936	48,691,475	54,454,289	68,109,714	82,190,419
Water Purchased	16,052,006	16,297,871	17,421,663	17,103,752	20,919,987	21,756,787	24,031,417
Personnel Costs	17,292,444	26,302,590	27,591,206	28,149,946	28,618,817	29,640,499	28,546,350
Operating Expenses	5,355,638	6,145,119	6,950,534	8,146,390	6,917,964	6,420,260	7,259,290
Administrative Expenses	21,300,900	4,229,382	3,403,231	7,327,630	6,221,627	11,465,462	14,140,047
Depreciation	7,217,142	7,132,870	8,364,022	8,854,889	8,689,809	8,615,000	7,500,000
Interest Expense	86,632	485,499	868,031	812,270	754,890	705,150	644,314
Transfers to Other Funds	-	-	2,990,000	2,990,000	2,990,000	2,990,000	2,990,000
Annual Expenses	67,304,762	60,593,331	67,588,687	73,384,877	75,113,094	81,593,158	85,111,418



	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Projected	2013 Budget
Revenues	53,718,618	54,374,782	53,348,936	48,691,475	54,454,289	68,109,714	82,190,419
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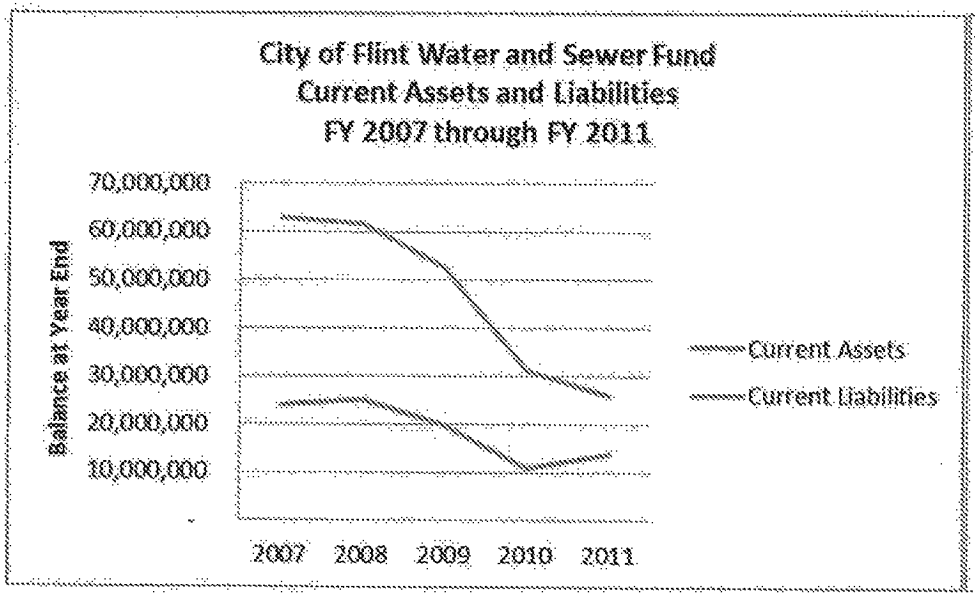
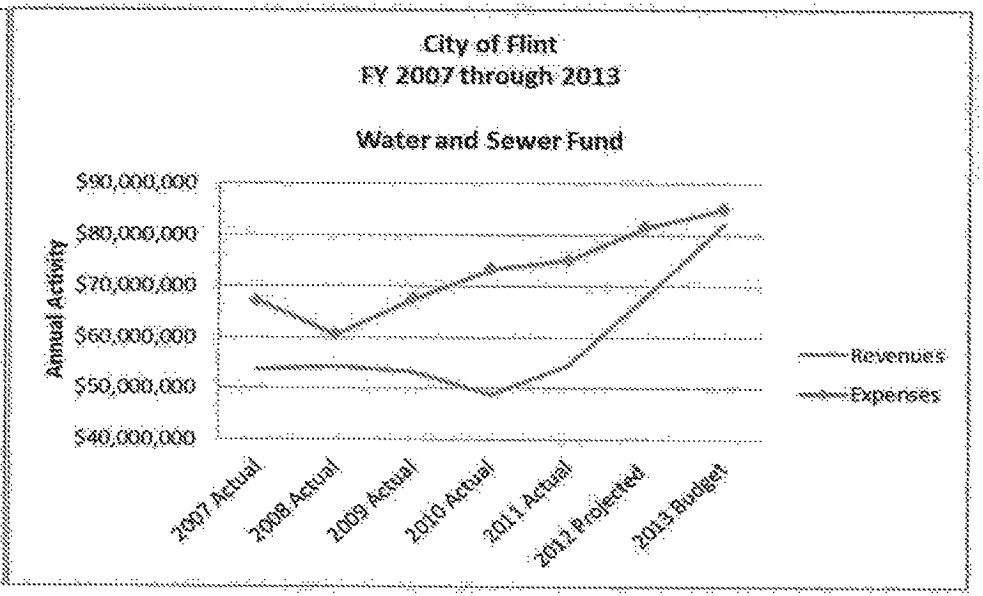
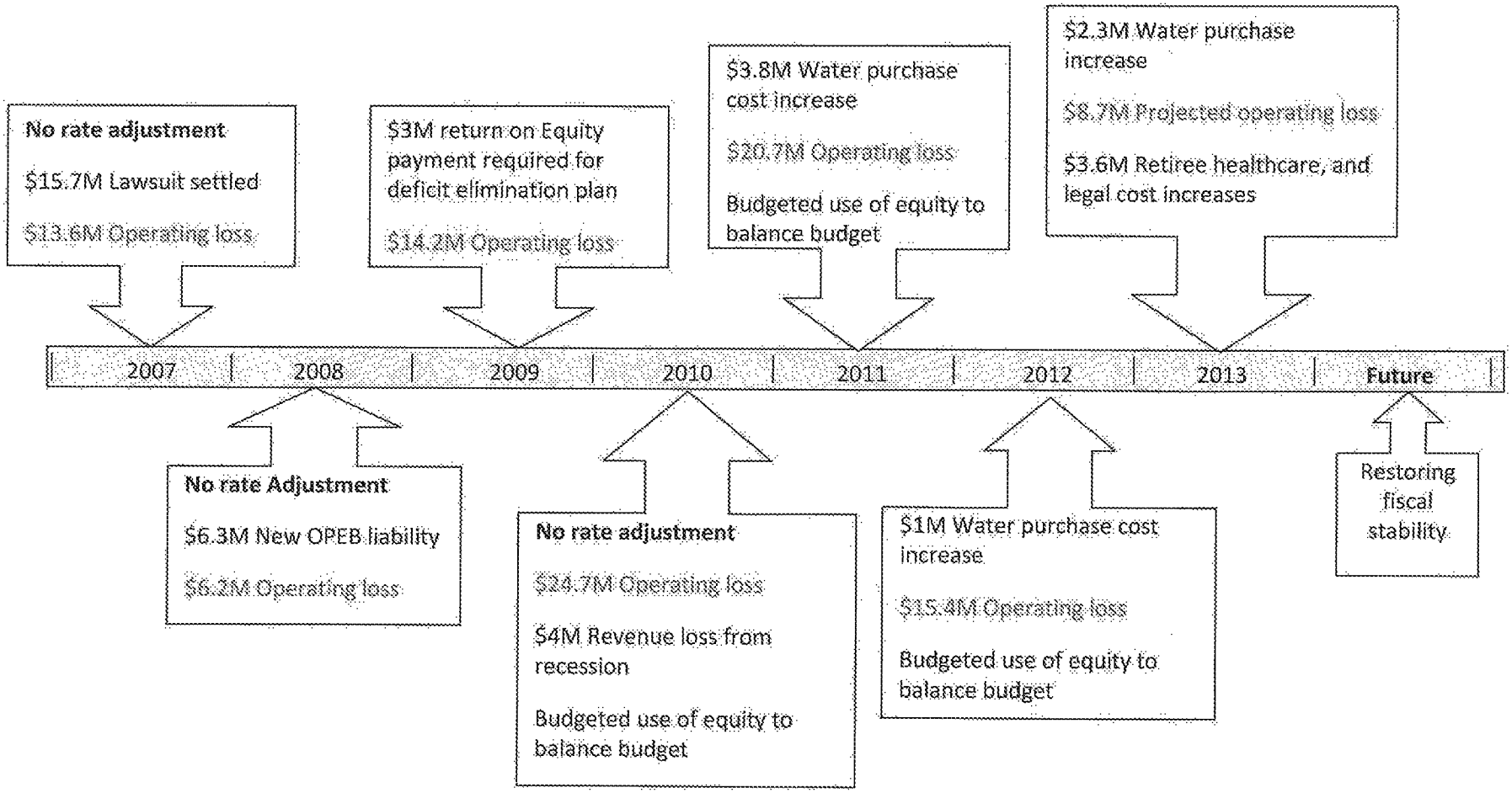




City of Flint

Recent Timeline of Water and Sewer Funds

FY 2007 through 2013



City of Flint- Water and Sewer System Additional Asset / Revenue Data

The average annual residential water sewer bill in FY2005 was less than $700 annually
The average annual residential water/ sewer bill in FY13 will be nearly $1,700

Expenses have exceeded revenues every year since 2006:

FISCAL YEAR	Rate Base	Revenues	Expenses	Revenues Minus Expenses	Unreserved System Equity	FACTORS IMPACTING SOLVENCY			COST IMPACT
2006	2005	$55,204,242	$50,933,792	**$4,270,450**	**$60,340,013**				
									(millions)
2007	2005	$53,856,857	$67,442,993	($13,586,136)	$46,399,452	No rate adjustment			??
						$15.7 million lawsuit settlement	15.7	0	$15.7
2008	2005	$54,374,781	$60,593,331	($6,218,550)	$36,482,488	No rate adjustment			??
						OPEB liabilities added	3.6	2.7	$6.3
2009	2009	$53,488,463	$67,728,218	($14,239,755)	$24,023,065	ROE payment added as part of City I	1.9	1.1	$3.0
2010	2009	$48,820,329	$73,513,725	($24,693,396)	$3,531,768	No rate adjustment			??
						Use of retained earnings budgeted	12.5	0.5	$13.0
						Revenue lost due to recession	2	2	$4.0
2011	2011	$54,527,079	$75,185,879	($20,658,800)	($12,868,907)	Use of retained earnings budgeted	7.1	3.5	$10.6
	2011					Water purchase cost increase	0	3.8	$3.8
2012		$68,279,187	$83,682,840	($15,403,653)	($20,694,122)	Use of retained earnings budgeted	5.1	0	$5.1
						Water purchase cost increase	0	0.8	$0.8
2013	2013	$82,220,420	$90,970,420	($8,750,000)	($23,379,890)	Water purchase cost increase	0	2.3	$2.3
						RHC/Legal/Admin Cost Allocation	2.1	1.5	$3.6
				($99,279,940)					$68.2

Calculation of Water and Sewer Rates for FY13 Budget

March, 2012:

	Expense Projection Based on FY12 Costs	Revenue Projection Based on FY12 Receipts	Difference Between Projected Revenues and Expenses	Rate Increase Necessary To Close Gap
Water	$49.9	$44.4	-$5.5	12.4%
Sewer	$31.0	$21.4	-$9.6	44.9%
TOTAL	$80.9	$65.8	-$15.1	22.9%

CITY of FLINT, MICHIGAN
WATER &/OR SEWER BILL

Service at: 5610 BALDWIN BLVD

TREASURER
CITY OF FLINT
P.O. BOX 1950
FLINT, MI 48501

PRESORTED
FIRST CLASS MAIL
US POSTAGE PAID
CITY OF FLINT

3419 Active

ACCOUNT NUMBER	DUE DATE
[redacted]	02/28/2012
	NET AMOUNT DUE
	147.85

RETURN THIS STUB WITH YOUR PAYMENT

Seq=3138

**AUTO [redacted]

00000376810000014785022820120000014913777O6

KEEP THIS PORTION FOR YOUR RECORDS

LAST READ/DATE/TYPE		NEW READ/DATE/TYPE		CONS	SERVICE	CHARGE
361	01/06/2012 A	363	02/03/2012 A	2	Sewer Administration	8.63
					Sewer Svc Chg	22.07
					Water	13.36
					Water Svc Chg	18.35

Prev. Balance	161.08
Payments	-75.00
Adjustments	0.00
Current Penalty	0.36
New Charges	61.41
Total Due	147.85
Due Date	02/28/2012

ACCOUNT: BALD-005610-0000-01 SERVICE AT [redacted]

PENALTY ASSESSED 30 DAYS AFTER DUE DATE

CITY OF FLINT
DEPARTMENT OF FINANCE

Customer Service Center

Dayne Walling
Mayor

Douglas Bingaman
Treasurer

CITY OF FLINT
WATER NON-PAYMENT TURN-OFF POLICY

1. Water services to any customer may be shut off if the account is not paid until after 30 days after the due date. (City ordinance 46-52 (h))

2. Non-payment turn-offs are done only Monday through Thursday. The Customer Service Center does not schedule non-payment turn-offs on Fridays, Saturdays, Sundays, or most recognized holidays.

3. Illegal usage, broken payment arrangements and NSF (non-sufficient funds) turn-offs are done at any time without additional notice.

4. Turn-off notices are mailed to delinquent customers fifteen (15) days before actual turn-off.

5. The water customer is responsible for maintenance of all plumbing in the premises including connection to City water mains or sewer lines.

6. If a customer disputes a water bill and is unable to resolve the issue with Customer Service personnel, the customer may request an administrative review. Further information on any water account may be obtained by calling (810) 766-7015 or visiting the Customer Service Center at 1st Floor, City Hall, 1101 S. Saginaw St.

Preliminary Options for Future City of Flint Water Sources

Consider a New Negotiated Contract with Detroit Water and Sewer Department

PRO'S	CON'S
No upfront capital costs	Lack of control over new / fixed changes
Possibility to negotiate a lower rate	Past practices
Ability to "Blend" water sources to further control costs	

Consider a Contract with the Karegnondi Water Authority

PRO'S	CON'S
Voting member of KWA board	Capital cost (debt service)
Ability to "Blend" water sources to further control costs	Uncertainty of final costs
Raw water is an asset for attracting new buisnesses	

Blended Use of the Flint River

PRO'S	CON'S
Helps control cost of water	

*** CURRENTLY NO DECISIONS HAVE BEEN MADE REGARDING THE FUTURE WATER SOURCE

Improvements for City of Flint Water System

Reduce Leakage

▪**Finalize a Preventative Maintenance Plan**
- (Planning started in January 2012, requires funding, … part of Operational Costs)
- Will help identify repair area's

▪**Reduce water theft**

▪**Replace water meters**
- We currently have an eighteen month plan to replace all meters with more efficient *"Smart Meters"*

▪**Encourage routine household checks**
- "Faulty" toilets are a significant reason for household water loss. and unexpected larger bills.

Other Leakage concerns

✓Transmission Loss

✓Fire Hydrants

✓Incorrect water bills

✓Non-Payment

CITY OF FLINT, MICHIGAN
Department of Finance

City Hall, Room #203
1101 South Saginaw Street
Flint, MI 48502
(810) 766-7268 / (810) 766-8675 (fax)

Dayne Walling
Mayor

Edward J. Kurtz
Emergency Financial Manager

Michael K. Brown
City Administrator

Gerald Ambrose
Finance Director

October 31, 2012

Edward J Kurtz
Emergency Financial Manager
City Of Flint Municipal Center
1101 S. Saginaw Street
Flint, MI 48502

RE: Cost Comparison, KWA v DWSD

Mr. Kurtz:

The City of Flint is considering whether joining the Karegnondi Water Authority (KWA) is a better alternative for the residents and businesses of Flint than continuing to purchase water from the Detroit Water and Sewer District (DWSD).

An important part of this consideration is the relative cost of the alternatives. We have compared the current projected costs of continuing to purchase water from DWSD to the projected costs of purchasing water from KWA.

The projected costs of purchasing water from DWSD come from our current and past experience, as well as statements from DWSD about their future costs. The costs of purchasing water from KWA are based on the KWA Lake Huron Water Supply Study, as updated by its October 2012 Preliminary Engineering Report Update, Appendix 20, dated October 4, 2012.

Based on the current contract with DWSD, the FY13 cost of purchasing water for the City of Flint only (excluding the sale of water to Genesee County) is budgeted at $14.4 million. Past experience indicates that it is reasonable to assume a 10% increase annually in the capacity charge from DWSD and a 5% increase in the commodity cost. It is also reasonable to assume a 5% increase in operational costs for the Flint Water Treatment Plant. Consequently, it appears that the costs for continuing to purchase water from DWSD will increase to $22.7 million by FY20.

Conversely, joining KWA and participating in the construction of infrastructure to receive water will require an up-front cost to the City of $2.3 million, to be paid over the first three years of joining. This would be paid by the City during the construction period while the City continues to purchase its water from DWSD. However, once the construction is complete and water delivery commences, the City's capacity charge will be fixed, based on the debt service necessary to finance construction. Operational costs for KWA water delivery and the Flint WTP are projected to increase by 5% annually.

Based on the assumptions in this comparison, the annual projected cost of purchasing water for the City of Flint is 15% or $2.6 million LESS using the KWA option in the first year of operation, increasing to 27% or $6.1 million LESS in the fifth year of operation. The only caveat is that in order to achieve this, the City will need to upfront KWA $3.25 million over 3 years prior to KWA beginning water delivery.

Concerns have been raised about the potential of cost overruns and delays in construction. These are reasonable concerns. An additional analysis, assuming a 15% cost overrun, and a one-year delay in construction, indicates that the gain to be achieved from participating in KWA is lessened (from $2.6 million in the first year to $2.3 million) and the City's upfront contribution is increased to $10.4 million if the City is required to make its first year's debt service payment before operations begin. The City's gain from participating in KWA is delayed, but once operations begin, the City's annual costs are less than continuing with DWSD, becoming net positive in FY20. However, given the City's precarious financial position, it is likely that the City would need to find some source of capital if such an up-front payment were necessary.

Finally, we have also analyzed what constraints DWSD would need to impose on its contract with the City of Flint in order to be a positive financial option. It would appear that if the capacity costs to Flint were to be fixed at the FY13 level and if annual operating cost increases were capped at 2.25%, then the cost to the City of Flint could be less than KWA.

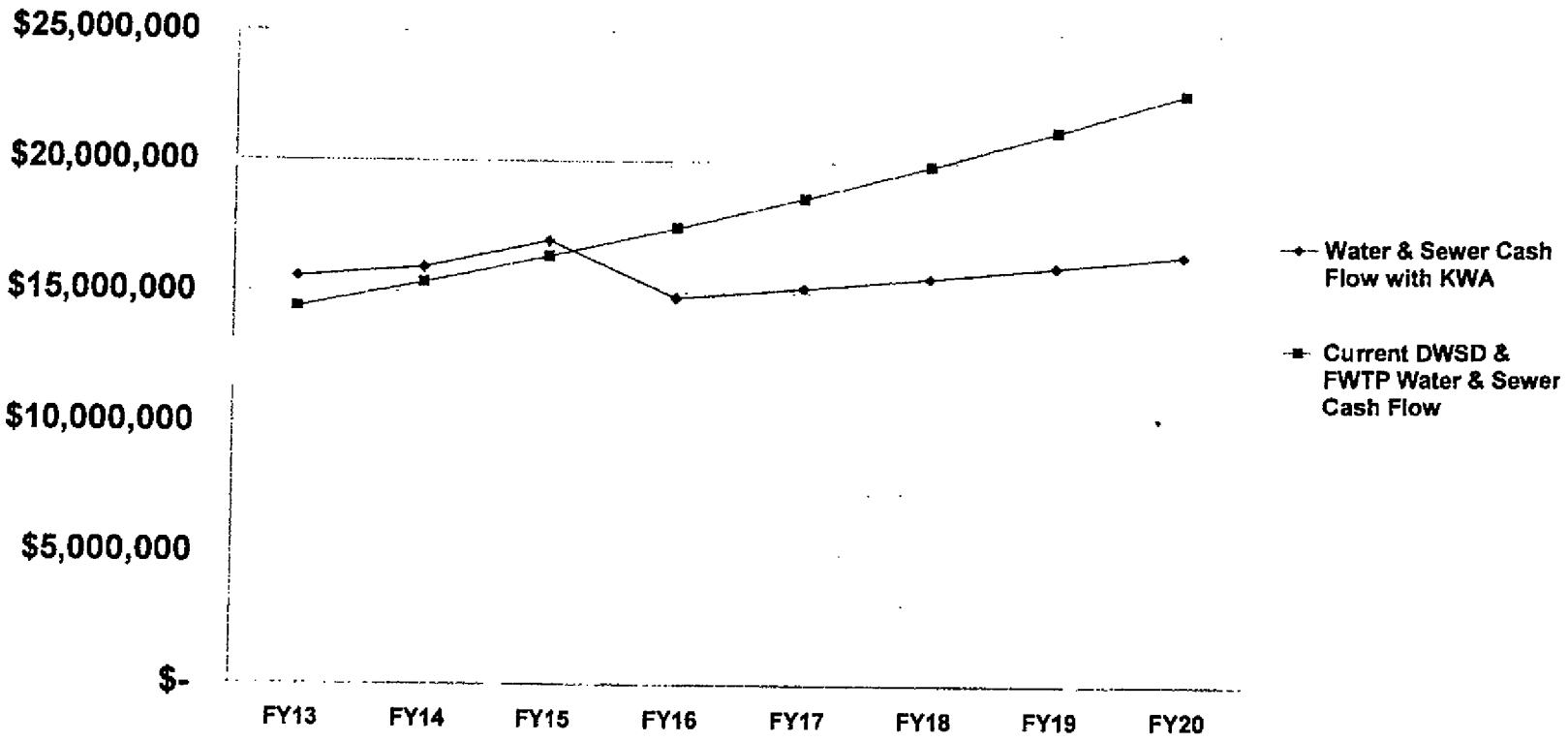
Attached are the three projections summarized above. First is the "Original Projection" utilizing the KWA Study. Second is the "Worse Case Projection" with cost increases and construction delays. Third is the reduced DWSD costs associated with fixed capacity costs and capped increases in operational costs.

Please contact me if you have any questions.

Gerald Ambrose
Director of Finance

GA:js
Attachments

Original Projection - Summary Comparison: KWA vs DWSD



FINAL 10/31/2012

ORIGINAL PROJECTION
SUMMARY COMPARISON: KWA V DWSD

Water and Sewer Cash Flow with KWA

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ -	$ -	$ -	$ -	$ -
KWA Entry Fee	$ 1,162,800	$ 581,400	$ 581,400	$ -	$ -	$ -	$ -	$ -
KWA Debt Service	$ -	$ -	$ -	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155
FWTP Debt Service	$ -	$ -	$ -	$ 572,781	$ 572,781	$ 572,781	$ 572,781	$ 572,781
KWA operations	$ -	$ -	$ -	$ 878,869	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
FWTP operations w KWA	$ -	$ -	$ -	$ 6,843,344	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Total Costs	$ 15,576,658	$ 15,936,535	$ 16,946,934	$ 14,888,149	$ 15,274,260	$ 15,679,676	$ 16,105,363	$ 16,552,334

Water and Sewer Cash Flow with DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ 17,450,717	$ 18,616,851	$ 19,870,650	$ 21,219,435	$ 22,671,185

Cash Flow Difference: KWA and DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Annual Cost: DWSD - KWA	$ (1,162,800)	$ (581,400)	$ (581,400)	$ 2,562,568	$ 3,342,591	$ 4,190,974	$ 5,114,072	$ 6,118,851
Cumulative Gain with KWA	$ (1,162,800)	$ (1,744,200)	$ (2,325,600)	$ 236,968	$ 3,579,559	$ 7,770,533	$ 12,884,605	$ 19,003,456

(1) This projection assumes that KWA begins delivery of water to Flint starting in July, 2016. Any interest on the bonds will be capitalized until that period. The City will be obligated to begin paying its $2,325,600 entry fee in FY13 - 2 payments of $581,400 in FY13, 1 payment in FY14 and 1 payment in FY15.

(2) The cost of the KWA option is projected to be $2,562,568 or 15% LESS than DWSD in the first year of operation (Year 4). This gain offsets the upfront costs of $2,325,600 by $236,968.

(3) The cost of the KWA option is projected to be $6.1 million or 27% LESS than DWSD in the 5th year of operation (Year 8)

(4) The cumulative savings by the 8th year from the beginning of the project are projected to be $19 million.

Detail of Original Cost Projections

FINAL 10/31/2012

Cost Comparisons: Water Supply to City of Flint from DWSD and proposed KWA project

Cost of water to City of Flint (excluding Genesee) using continued service from DWSD

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Fixed Cost (1)	$ 4,411,680	$ 4,852,848	$ 5,338,133	$ 5,871,946	$ 6,459,141	$ 7,105,055	$ 7,815,560	$ 8,597,116
Escalator	1.10	1.10	1.10	1.10	1.10	1.10	1.10	
Commodity Cost (2)	$ 7,276,640	$ 7,640,472	$ 8,022,496	$ 8,423,620	$ 8,844,801	$ 9,287,041	$ 9,751,394	$ 10,238,963
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
Flint WTP Operating Cost (3)	$ 2,725,538	$ 2,861,815	$ 3,004,906	$ 3,155,151	$ 3,312,908	$ 3,478,554	$ 3,652,482	$ 3,835,106
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ 17,450,717	$ 18,616,851	$ 19,870,650	$ 21,219,435	$ 22,671,185

(1) Per FY13 Budget and DWSD Contract, fixed charge from DWSD for FY13 is $707,000 per month or $8.5 million total. Flint's cost is 52% or $4.4 million total.

(2) Per FY13 Budget and DWSD Contract, and based on 12 million gallons per day (mgd), cost is $7 3 million, based on $12.46/unit ($12.46x1600unitsx365).

(3) Per FY13 Budget, annual cost of WTP is $4.1 million. Genesee County pays $1,386,000 for emergency back up service.

Cost of water to City of Flint using proposed KWA project for water supply to Flint WTP

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
KWA Entry Costs (1)	$ 1,162,800	$ 581,400	$ 581,400		$ -	$ -	$ -	$ -
Fixed KWA Construction Cost (2)				$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155
Escalator				1.00	1.00	1.00	1.00	
Fixed Flint WTP Construction Cost (3)				$ 572,781	$ 572,781	$ 572,781	$ 572,781	$ 572,781
Escalator				1.00	1.00	1.00	1.00	
Flint WTP Operating Cost (4)	$ 5,911,538	$ 6,207,115	$ 6,517,471	$ 6,843,344	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
KWA Commodity Charge (5)	$ 759,200	$ 797,160	$ 837,018	$ 878,869	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	KWA NOT AVAILABLE			$ 14,888,149	$ 15,274,260	$ 15,679,676	$ 16,105,363	$ 16,552,334

(1) The City will, upon joining, be required to pay an initial fee of $32,300 per MGD plus the same amount for each year until bonding for the project is obtained. At 18MGD, the City's cost is $581,400 annually. Since it is projected that fee will be assessed for 3 years, the City's upfront cost is projected at $2,325,600.

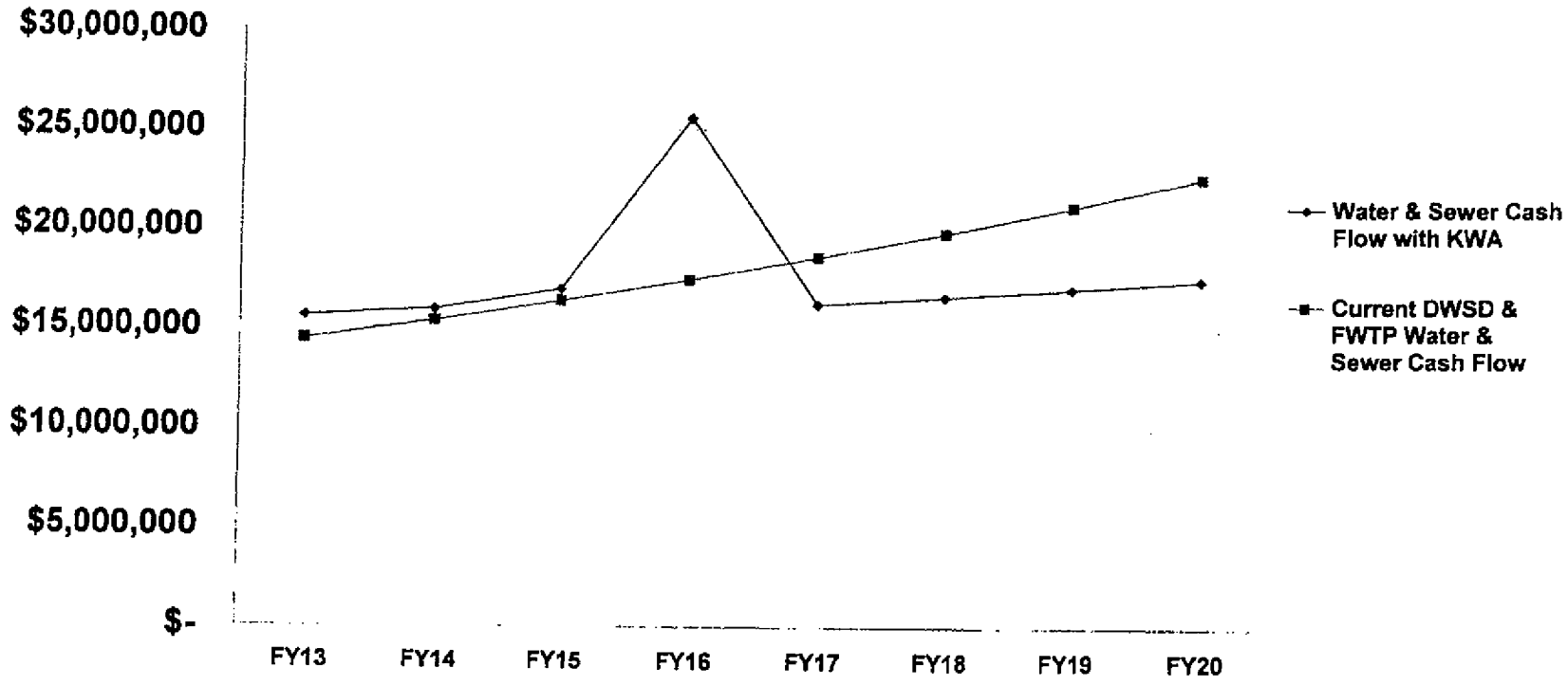
(2) Per KWA proposal, project cost is $272 million. City's fixed cost would be 30% of debt service, based on capacity design of 60mgd, of which 18MGD is for Flint. Debt service is based on 5% interest rate @ 25 years; 5% added to principal for capitalized interest for FY13, FY14, and FY15. ($272,421,588 plus $13,621,078 for 3 years = $313,284,792)

(3) Per KWA proposal, the cost of upgrading the Flint is $7.1 million. City's fixed cost would be100% of debt service based on 5% interest rate @ 25 years), with 5% added to cover capitalized interest for FY13, FY14, and FY15. (total principal = $8.165 million)

(4) Per FY13 Budget annual cost of WTP is $4,111,538. $1.6 million for electricity and chemicals & 2 FTE's are added. 100% City cost. 100%

(5) Per KWA proposal, initial commodity charge would be based on $1.30/unit or 7,500 gallons. Charge is based on 12MGD.

Worst Case Scenario - Summary Comparison KWA vs DWSD (15% Cost Overrun; One year delay in Water Supply delivery)



FINAL 10/31/2012

WORSE CASE PROJECTION
SUMMARY COMPARISON: KWA V DWSD
(15% Cost Overrun; One year delay in Water Supply delivery)

Water and Sewer Cash Flow with KWA

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ 17,450,717	$ -	$ -	$ -	$ -
KWA Entry Fee	$ 1,162,800	$ 581,400	$ 581,400	$ -	$ -	$ -	$ -	$ -
KWA Debt Service	$ -	$ -	$ -	$ 7,582,128	$ 7,582,128	$ 7,582,128	$ 7,582,128	$ 7,582,128
FWTP Debt Service	$ -	$ -	$ -	$ 658,698	$ 658,698	$ 658,698	$ 658,698	$ 658,698
KWA operations	$ -	$ -	$ -	$ -	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
FWTP operations w KWA	$ -	$ -	$ -	$ -	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Total Costs	$ 15,576,658	$ 15,936,535	$ 16,946,934	$ 25,691,544	$ 16,349,150	$ 16,754,566	$ 17,180,253	$ 17,627,225

Water and Sewer Cash Flow with DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ 17,450,717	$ 18,616,861	$ 19,870,660	$ 21,219,436	$ 22,671,185

Cash Flow Difference: KWA and DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Annual KWA - DWSD	$ (1,162,800)	$ (581,400)	$ (581,400)	$ (8,240,826)	$ 2,267,700	$ 3,116,094	$ 4,039,182	$ 5,043,960
Cumulative	$ (1,162,800)	$ (1,744,200)	$ (2,325,600)	$ (10,566,426)	$ (8,298,726)	$ (5,182,642)	$ (1,143,460)	$ 3,900,500

"Worse Case" scenario differs from Original in these respects:

(1) Delivery of water to Flint from KWA is delayed by one year and construction costs are 15% above the original projection. Consequently, the City is required to begin paying for debt service one year before KWA begins delivery of water. This is in addition to its obligation to pay its initial entry fee of $581,400 plus $581,400 annually for the first 3 years.

(2) Once KWA begins delivering water in year 5, the annual operating costs are less than DWSD by 12%. Considering $10.6 million in upfront costs in the first 4 years prior to KWA operation, the cumulative cost of KWA exceeds the cost of DWSD until year 8.

(3) Cumulative savings by Year 8 are projected to be $3.9 million, compared to $19 million in the original projection.

Detail of Worse Case Cost Projections

FINAL 10/31/2012

Worse Case Scenerio

Cost Comparisons: Water Supply to City of Flint from DWSD and proposed KWA project

Cost of water to City of Flint (excluding Genesee) using continued service from DWSD

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Fixed Cost (1)	$ 4,411,680	$ 4,852,848	$ 5,338,133	$ 5,871,946	$ 6,459,141	$ 7,105,055	$ 7,815,560	$ 8,597,116
Escalator	1.10	1.10	1.10	1.10	1.10	1.10	1.10	
Commodity Cost (2)	$ 7,276,640	$ 7,640,472	$ 8,022,496	$ 8,423,620	$ 8,844,801	$ 9,287,041	$ 9,751,394	$ 10,238,963
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
Flint WTP Operating Cost (3)	$ 2,725,538	$ 2,861,815	$ 3,004,906	$ 3,155,151	$ 3,312,908	$ 3,478,554	$ 3,652,482	$ 3,835,106
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	$ 14,413,858	$ 15,355,135	$ 16,365,534	$ 17,450,717	$ 18,616,851	$ 19,870,650	$ 21,219,436	$ 22,671,185

(1) Per FY13 Budget and DWSD Contract, fixed charge from DWSD for FY13 is $707,000 per month or $8.5 million total Flint's cost is 52% or $4.4 million total.

(2) Per FY13 Budget and DWSD Contract, and based on 12 million gallons per day (mgd), cost is $7.3 million, based on $12.46/unit ($12.46x1600unitsx365)

(3) Per FY13 Budget, annual cost of WTP is $4.1 million. Genesee County pays $1,386,000 for emergency back up service

Cost of water to City of Flint using proposed KWA project for water supply to Flint WTP

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
KWA Entry Costs (1)	$ 1,162,800	$ 581,400	$ 581,400	$ -	$ -	$ -	$ -	$ -
Fixed KWA Construction Cost (2)				$ 7,582,128	$ 7,582,128	$ 7,582,128	$ 7,582,128	$ 7,582,126
Escalator						1.00	1.00	
Fixed Flint WTP Construction Cost (3)				$ 658,698	$ 658,698	$ 658,698	$ 658,698	$ 658,698
Escalator								
Flint WTP Operating Cost (4)	$ 5,911,538	$ 6,207,115	$ 6,517,471	$ 6,843,344	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
KWA Commodity Charge (5)	$ 759,200	$ 797,160	$ 837,018	$ 878,869	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	KWA NOT AVAILABLE				$ 16,349,150	$ 16,754,566	$ 17,180,263	$ 17,627,225

(1) The City will, upon joining, be required to pay a, initial fee of $32,300 per MGD plus the same amount for each year until bonding for the project is obtained. At 18MGD, the City's cost is $581,000, for a total of $2,325,600..

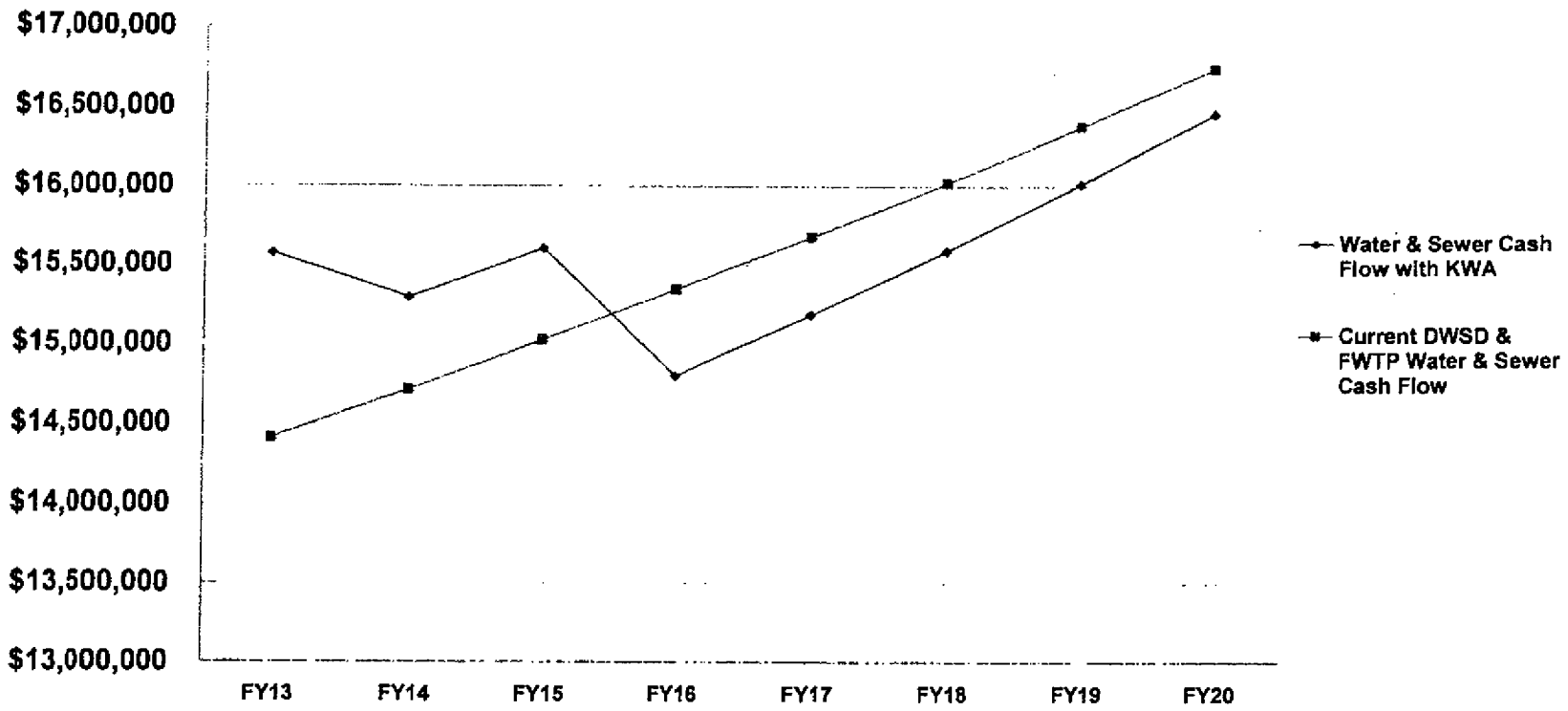
(2) Per KWA proposal, original project cost is $272 million. City's fixed cost would be 30% of debt service, based on capacity design of 60mgd, of which 18MGD is for Flint. Debt service is based on 5% interest rate @ 25 years; 5% added to principal for capitalized interest for FY13, FY14, and FY15. ($272,421,588 plus $13,621,078 for 3 years = $313,284,792). **The costs here are increased by 15%; debt service starts in FY16 but water is not available until FY17.**

(3) Per KWA proposal, the cost of upgrading the Flint is $7.1 million. City's fixed cost would be100% of debt service based on 5% interest rate @ 25 years), with 5% added to cover capitalized interest for FY13, FY14, and FY15. (total principal = $8.165 million). **Again, costs here are increased by 15%; debt service starts in FY16 but water is not available until FY17. Debt service is now on $9.4 million.**

(4) Per FY13 Budget annual cost of WTP is $4,111,538. $1.6 million for electricity and chemicals & 2 FTE's are added. 100% City cost.

(5) Per KWA proposal, initial commodity charge would be based on $1.30/unit or 7,500 gallons. Charge is based on 12MGD.

ALTERNATE PROJECTION - SUMMARY COMPARISON: KWA V DWSD WITH DWSD COSTS REDUCED (Fixed Costs held constant; Commodity Costs Increased by 2.25% Annually)



FINAL 10/31/2012

ALTERNATE PROJECTION
SUMMARY COMPARISON: KWA V DWSD WITH DWSD COSTS REDUCED
(FIXED COSTS HELD CONSTANT; COMMODITY COSTS INCREASED BY 2.25% ANNUALLY)

Water and Sewer Cash Flow with KWA

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 14,713,859	$ 15,024,358	$ -	$ -	$ -	$ -	$ -
KWA Entry Fee	$ 1,162,800	$ 581,400	$ 581,400	$ -	$ -	$ -	$ -	$ -
KWA Debt	$ -	$ -	$ -	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155
FWTP Debt	$ -	$ -	$ -	$ 572,781	$ 572,781	$ 572,781	$ 572,781	$ 572,781
KWA operations	$ -	$ -	$ -	$ 878,869	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
FWTP operations w KWA	$ -	$ -	$ -	$ 6,843,344	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Total Costs	$ 15,576,658	$ 15,295,259	$ 15,605,758	$ 14,888,149	$ 15,274,260	$ 15,679,676	$16,105,363	$ 16,552,334

Water and Sewer Cash Flow with DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Current DWSD & FWTP Costs	$ 14,413,858	$ 14,713,859	$ 15,024,358	$ 15,345,778	$ 15,678,562	$ 16,023,172	$16,380,091	$ 16,749,823

Cash Flow Difference: KWA and DWSD

	Year 1 FY13	Year 2 FY14	Year 3 FY15	Year 4 FY16	Year 5 FY17	Year 6 FY18	Year 7 FY19	Year 8 FY20
Annual Cost: DWSD - KWA	$ (1,162,800)	$ (581,400)	$ (581,400)	$ 457,629	$ 404,302	$ 343,496	$ 274,728	$ 197,489
Cumulative Gain with KWA	$ (1,162,800)	$ (1,744,200)	$ (2,325,600)	$ (1,867,971)	$ (1,463,669)	$ (1,120,173)	$ (845,445)	$ (647,956)

(1) This projection assumes that DWSD fixed costs remain at 2013 levels and that operating costs increase by 2.25% annually

(2) KWA costs are as in the Original Projection.

(3) In this comparison, KWA costs are still less once operations begin (by 2.9%), and cumulative gain does not occur until after year 8. Over time, DWDS costs could be less with these limitations on cost increases.

Detail of Cost Projections

FINAL 10/31/2012

Cost Comparisons: Water Supply to City of Flint from DWSD and proposed KWA project
(FIXED COSTS HELD CONSTANT; COMMODITY COSTS INCREASED BY 2.25% ANNUALLY)

Cost of water to City (excluding Genesee) using continued service from DWSD with modified escalator

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Fixed Cost (1)	$ 4,411,680	$ 4,411,680	$ 4,411,680	$ 4,411,680	$ 4,411,680	$ 4,411,680	$ 4,411,680	$ 4,411,680
Escalator	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Commodity Cost (2)	$ 7,276,640	$ 7,440,364	$ 7,607,773	$ 7,778,947	$ 7,953,974	$ 8,132,938	$ 8,315,929	$ 8,503,038
Escalator	1.0225	1.0225	1.0225	1.0225	1.0225	1.0225	1.0225	
Flint WTP Operating Cost (3)	$ 2,725,538	$ 2,861,815	$ 3,004,906	$ 3,155,151	$ 3,312,908	$ 3,478,554	$ 3,652,482	$ 3,835,106
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	$ 14,413,858	$ 14,713,859	$ 15,024,358	$ 15,345,778	$ 15,678,562	$ 16,023,172	$16,380,091	$ 16,749,823

Cost of water to City of Flint using proposed KWA project for water supply to Flint WTP

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
KWA Entry Costs (1)	$ 1,162,800	$ 581,400	$ 581,400		$ -	$ -	$ -	$ -
Fixed KWA Construction Cost (2)				$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155	$ 6,593,155
Escalator				1.00	1.00	1.00	1.00	
Fixed Flint WTP Construction Cost (3)				$ 572,781	$ 572,781	$ 572,781	$ 572,781	$ 572,781
Escalator				1.00	1.00	1.00	1.00	
Flint WTP Operating Cost (4)	$ 5,911,538	$ 6,207,115	$ 6,517,471	$ 6,843,344	$ 7,185,511	$ 7,544,787	$ 7,922,026	$ 8,318,128
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
KWA Commodity Charge (5)	$ 759,200	$ 797,160	$ 837,018	$ 878,869	$ 922,812	$ 968,953	$ 1,017,401	$ 1,068,271
Escalator	1.05	1.05	1.05	1.05	1.05	1.05	1.05	
TOTAL	KWA NOT AVAILABLE			$ 14,888,149	$ 15,274,260	$ 15,679,676	$16,105,363	$ 16,552,334

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Friday, June 13, 2014 5:05 PM
Subject: Fwd: PRESS RELEASE: Pipeline Sale Finalized
Attachments: Pipeline.Sale.Approved.pdf

For Immediate Release

Michigan Department of Treasury Approves City of Flint's Sale of Section of 72" Pipeline to Genesee County Water & Waste, Sale Finalized This Week

Flint, Michigan – June 13, 2014 – The City of Flint's sale of a section of 72" pipeline to the Genesee County Drain Commission for $3,987,700 has been approved by the Michigan Department of Treasury and the sale was finalized this week. The pipeline section being sold is from the connection the City of Flint formerly used to receive water from the Detroit Water & Sewerage Department, located at Potter and Baxter Roads. "The sale of this 9 mile section of water main, which no longer provides any practical function to the City of Flint, is a fortuitous one-time revenue gain from which the proceeds will be reinvested into the ongoing maintenance and operations of the Flint water system," said Emergency Manager Darnell Earley. Genesee County was the sole prospective buyer of the pipeline.

The Emergency Manager presented the pipeline sale proposal to Flint City Council in May to be approved or denied, as provided under Public Act 436. City Council voted not to accept the proposal and did not provide an alternative proposal as required under PA 436, thereby allowing the Emergency Manager's recommendation to be considered approved by Treasury.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

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–CONTINUE–

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

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–END–

City Hall
1101 S. Saginaw Street - Flint, Michigan 48502
810-766-7346 FAX: 810-766-7218 www.cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Thursday, October 16, 2014 2:14 PM
Subject: PRESS RELEASE: Statement on GM Water Agreement
Attachments: GM.Water.Agreement.Statement.pdf

For Immediate Release

Water Issues for General Motors are Not Issues for Residents

Flint, Michigan – October 16, 2014 – The City of Flint is committed to ensuring that all Flint residents have safe quality drinking water. That is why we recently reached an agreement with General Motors to allow the company to temporarily use Flint Township as a water source for their manufacturing needs.

The City of Flint uses chloride as an important component in making water safe for drinking, but that can cause problems for GM's machining work. The agreement comes after GM raised concerns about chloride levels in Flint's treated water.

This temporary switch is needed to allow GM to use water that does not have the same level of treatment provided for high quality drinking water. This ensures that Flint residents will continue to have safe quality drinking water but minimizes the impact on GM's machining work. City officials continuously test drinking water to ensure quality.

–END–

-Jason Lorenz
Public Information Officer
City of Flint

(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

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–END–

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Monday, October 20, 2014 5:40 PM
Subject: PRESS RELEASE: Repairs Completed, Conditional Water Advisory Lifted
Attachments: Water Main Repairs Completed 10.20.14.pdf

For Immediate Release

Water System in Longway/Dort Area Fully Operational After Repairs, Conditional Boil Water Advisory Lifted

Flint, Michigan – October 20, 2014 – **The City of Flint's Water Service Center crews have successfully replaced four of the five valves scheduled for replacement this past weekend and are currently working on completing the fifth. The system in the area is being returned to full operation. No residential water service loss was experienced. Water quality analyses were conducted and have returned clean results which allows for the conditional boil water advisory to be lifted.**

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

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–END–

Message

From: Murray, David (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MURRAYD1]
Sent: 1/20/2015 12:09:02 PM
To: Wurfel, Sara (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Wurfels]
Subject: RE: Mayor Walling's letter to the governor

Right.

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 20, 2015 12:09 PM
To: Murray, David (GOV)
Subject: Re: Mayor Walling's letter to the governor

1st places to start are usually checking with Constits, treasury, and Wendy ...

Sent from my iPhone

On Jan 20, 2015, at 12:06 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

I am. Trying to find out how it was sent, and who it was sent to.

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 20, 2015 11:57 AM
To: Murray, David (GOV)
Subject: Fwd: Mayor Walling's letter to the governor

Are you helping track this down already, Dave?

Sent from my iPhone

Begin forwarded message:

From: "Fonger, Ronald" <RFONGER1@mlive.com>
Date: January 20, 2015 at 10:28:22 AM EST
To: "Murray, David (GOV) (MurrayD1@michigan.gov)" <MurrayD1@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
Subject: Mayor Walling's letter to the governor

Dave/Sara:

Dayne Walling posted the following on his campaign Web site and I'm writing about it today.

Can we got a comment from your office?

Thanks,

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund
- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part.

Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe.

Thank you for your ongoing support.

Sincerely,

Dayne

P.S. -- Please send this to friends and family so they can take action too!

Ron Fonger

MLive Media Group

Reporter

mobile PPI

email rfonger1@mlive.com

address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV)
Sent: Thursday, January 22, 2015 9:35 PM
To: Agen, Jarrod (GOV); Silfven, Ken (GOV); Biehl, Laura (GOV); Wurfel, Sara (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV)
Subject: Flint water talking points and background
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx

Good evening team,

Terry Stanton, working with Brad and Jerry Ambrose, drafted talking points and background on the Flint water issues.

If asked, Terry suggests the governor say:

Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.

Terry said he cannot speak to other "requests" in the Mayor's letter (dated 1-18), which seek waivers, Federal and State funding, etc. He said the city is committed to addressing the issue and in fact, has taken numerous steps (with guidance and/or approval from DEQ) to date.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

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Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Adler, Ari (GOV)
Sent: Friday, January 23, 2015 4:39 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Walsh, John (GOV)
Subject: "Anonymous" threatening to do operation in Flint

We need to make sure things are buttoned up in Flint as it relates to the water treatment operations, apparently.

Via Twitter just now:

AnonCorpWatch 4:28pm via Twitter Web Client
#anonymous is not dead!

#OpFlint

@onetoughnerd #ExpectUs

About

Corporations have been getting way with far too much for far too long. It is time that we, the citizens of the world, educate ourselves and take action against these Corporations. We all understand that for past few generations, we have allowed laws to be written, tax incentives to be created and have allowed loop holes to be made in environmental policy. We have allowed lobbiests in Washington , and other governments around the world, to make this capitalist institution called the "Corporation" get away with practices that are unacceptable. We have not understood the consequences until it is too late. We have felt too overwhelmed by the do's and don'ts that we have felt we had to respect, that we have allowed these powerhouses to benefit from massive profits, while we the majority are struggling.

It is time that we the people take matters into our own hands. It is time to take responsibility for our ignorance. We must forgive ourselves for allowing this economic "Grand Canyon" between the mega wealthy and the other 90% of us. We hear our leaders ask us to make further sacrifices by accepting higher interest rates in order to pay for the mess they got us into. They have repeatedly tried to take away our voice. It is time forgive us our sins and move forward. We will no longer allow these Corporations and Government puppets to silence us.

Like others before us, we are taking matters into our own hands. We are going to start keeping tabs on these Corporations. We are going to collect information and share it. We are going to spread the truth as far as we can. Most importantly we are going to take action!

Be a voice in a voiceless world. Share your knowledge of what you know with us so that we can unite and learn from each other, and become a source of power and change.

Hey Corporations! We are watching you!

We are Anonymous

We are Legion

We never Forgive

We never Forget

Expect Us!

From: Agen, Jarrod (GOV)
Sent: Monday, January 26, 2015 9:48 AM
To: Snyder, PPI
Cc: Wurfel, Sara (GOV); Scott, Allison (GOV)
Subject: CNN refresher points

Not Responsive

But a couple of other issues that may come up on CNN: Flint water Not Responsive
Also -- quick updated on 2016 activity over the weekend, in case it comes up.

Flint water:
Residents deserve clean, safe water and EM Jerry Ambrose, his management team and the DEQ are working to ensure that…and that the State will be a resource where and when possible, as we have with other issues, such as public safety.

Not Responsive

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, January 27, 2015 5:52 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Brown, Jessica (GOV); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY)
Subject: Flint issue
Attachments: Flint - KWA Approval.pdf; Dillon KWA.PDF; Flint_KWA TPs.doc; Flint Water TPs.docx

Importance: High

All,

Please see the attached TPs. I have also attached a couple pdfs noted in the TPs. They include the Treasurer's conditional approval of the eventual move to KWA and the EM's response to DWSD's "last, best offer."

Additionally, during my most recent interaction with Jerry Ambrose, he indicated that the water issue is critically important and that he and staff are working on it every day. They have posted a host of information for residents on the City's website (http://cityofflint.com/?p=6251). They have extended the deadline for the Water Quality Consultant RFP to this Thursday, to ensure interested and qualified firms can submit comprehensive proposals and assist the city.

I have also attached the earlier talking points I had shared with Dave.

Let me know if you need anything else in the meantime...or before we speak again...

Terry

89 (Rev. 02-11)

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

ANDY DILLON
STATE TREASURER

Mr. Edward Kurtz
Emergency Manager
City of Flint
1101 South Saginaw Street
Flint, MI 48502

April 11, 2013

Dear Mr. Kurtz:

Thank you for your March 29, 2013 letter, which is attached for reference. As the Emergency Manager for the City of Flint ("Flint" or "City"), you have asked for my concurrence, pursuant to Public Act 436 of 2012, the Local Financial Stability and Choice Act, to authorize a contract in excess of $50,000.00 not subject to competitive bidding. This request was related to the City entering into an agreement with the Karegnondi Water Authority (KWA) for provision of raw water for the City.

In considering your request, I took note of the following facts in support of Flint joining KWA. First, there is widespread support in the City for this move, including the support of the Mayor, the City Council, and the Emergency Manager. Second, this move will provide a unique opportunity for the City and County to partner on an important project, which will hopefully lead to future regional collaboration. Third, the Department of Environmental Quality is supportive of the City participating in the KWA project. Finally, your representations that this deal will lead to substantial savings for the City over the coming decades, savings that are desperately needed to help with the turnaround of the City of Flint.

It is my understanding that the Detroit Water and Sewer Department is making a final best offer to Genesee County and the City of Flint next Monday, April 15, 2013. As such, this approval will be effective at 5 pm on April 16, 2013 after receiving written notice from the City that either no such offer was presented to the county and the City or that an offer was received and was rejected in good faith based upon specified objections.

For the reasons described above and subject to the conditions set forth herein, pursuant to Section 12 (3) of PA 436 of 2012, I am authorizing you to proceed with adopting the resolution and entering into a contract with KWA.

Sincerely,

Andy Dillon
State Treasurer

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
EDWARD J. KURTZ

ELECTRONIC LETTER

April 16, 2013

Andy Dillon
State Treasurer
P. O. Box 30716
Lansing, MI 48909

Dear Treasurer Dillon:

Flint, Genesee County and KWA received an eight page letter from Detroit Water and Sewerage Department (DWSD) offering a framework for a long-term agreement with our region. Two scenarios were presented;

Scenario 1: Water from the Lake Huron Plant.

This offer was dismissed immediately because Flint would still be responsible for their share of the KWA water pipeline delivery system estimated to be $79 million. In addition Flint would not be able to operate the Flint Water Plant in which we have invested over $40 million per MDEQ mandates over the past ten years. Finally, although DWSD shows this as an option and supplied a per month cost projection for the first year, no total costs over the life of the contract were provided.

Scenario 2: "Full Service" Water Supply

This offer was also rejected. DWSD would supply water to Flint/Genesee the same way they currently are today. They would change the method of calculating our bill. The offer would provide a $1.00 per ccf reduction on our usage for the first year, providing a 30 year contract is signed.

After review of the offer, Flint/Genesee has the following concerns:

1. DWSD's offer is a framework subject to negotiations and is not a firm offer.

2. DWSD's offer is based on 40.6 mgd, the KWA plan is based on 60 mgd. Flint/Genesee last summer hit the peak of 40.6 mgd and this DWSD offer provides no room for growth. Growth would result in penalties or added cost.

3. DWSD's offer does not include a guaranteed rate for years two through thirty, nor does it provide a maximum annual increase.

4. DWSD's offer does not provide a redundant supply for GCDC.

5. DWSD's offer does not allow for the use of Flint's existing water plant.

6. The offer indicates that the total cost to Flint over the life of the contract would be $587,990,665. No indication of what annual rate of increase was used in this projection. Flint can only assume it is 4.4% based on the Tucker Young report. It is also based on 40.6 mgds. KWA's proposal is for $649,775,166 based on 60mgds (33% more). Based on 60 mgds DWSD's proposal would be $868,950,738.

On a final note, Flint/Genesee has great concern over the accuracy of the figures provided by DWSD. Attachment 1 indicates that our joint annual cost to DWSD is $50 million; actual cost is less than $25 million. Attachment 2 indicates $800 million in savings over the next 30 years. That is greater than the total cost we would pay DWSD.

Therefore, I will sign the resolution to join KWA at the close of business today.

Sincerely,

Edward J. Kurtz
Emergency Manager

STATE OF MICHIGAN
DEPARTMENT OF TREASURY
LANSING

RICK SNYDER
GOVERNOR

R. KEVIN CLINTON
STATE TREASURER

Flint Water/KWA Decision Points and Timeline

In November 2012, all major stakeholders (city officials, EM Kurtz, county officials, DWSD, DEQ & Treasury) met to discuss a regional effort to build a new water pipeline from Lake Huron to Genesee County.

Flint and Genesee Co. had been getting water from DWSD under a 30-year contract that, at that time had expired.

Genesee Co. was planning to build a new pipeline from Lake Huron (Karegnondi Water Authority, KWA) and eventually provide service to the City of Lapeer, Lapeer County, and Sanilac County.

County officials believed that continuing to buy water from DWSD would cost the region more than $2.1 billion over the next 25 years but that building a pipeline and developing the KWA would reduce regional cost by approximately $200 million over that time.

Genesee County officials said it was cheaper to build their own system than to continue to pay more each year to the DWSD and the proposal was about delivering the best quality water to residents in the least expensive way.

EM Ed Kurtz had been exploring options for water since his appointment in August 2012 (to replace Mike Brown).

Mayor Walling and City Council were fully supportive of the move to KWA, though under the emergency manager Act, the State Treasurer had to approve deals >$50,000.

Prior to the meeting, Treasury suggested a high-level response to media inquiries about the meeting:

Treasury officials will be meeting with Genesee County and Detroit officials tomorrow to get the details of the proposed pipeline plan. Until the ultimate costs are known and the various studies have been conducted, the benefits to the citizens of Flint and Genesee County cannot be determined.

In December of 2012, then State Treasurer Andy Dillon requested an independent review of the KWA proposal. Consulting engineers Tucker, Young, Jackson, and Tull, Inc. conducted a review that supported the County and City preference to join KWA (I'M AWAITING A COPY OF THIS REPORT TO ENSURE ACCURACY ON THIS POINT).

In March of 2013, the City was pushing for a decision, given the need to hit tight construction season timelines/deadlines.

In late March, Kurtz submitted a resolution to join KWA to the State Treasurer. It was received on March 29, 2013. The Treasurer and DEQ staff thoroughly reviewed the resolution (Under PA 436, the Treasurer must approve contracts >$50K that were not competitively bid).

DWSD was allowed an opportunity to make a "last, best offer" to keep Flint with the DWSD.

On April 11, 2013, the Treasurer sent his approval to Flint (attached). The effective date for the approval was April 16, 2013 as a condition of the approval was Mr. Kurtz's consideration of the final DWSD offer.

On April 16, 2013, Flint EM Kurtz sent a letter to the State Treasurer, indicating that the DWSD last best offer was not sufficient (attached).

Following Mr. Kurtz announcement of the City's decision to join KWA, Treasury worked from the following talking points.

- This is a decision made by the City of Flint and its elected leaders and is a local decision that affects the local water supply.
- Flint EM Ed Kurtz kept the city's elected officials involved throughout the decision-making process and all agree this is best for the citizens and businesses in Flint.
- The change is expected to save Flint ~$100m over the next 25 years, and possibly as much as $300m.
- The Departments of Treasury and Environmental Quality have approved the financial and environmental soundness of KWA's plan.
- Flint accounts for only 2% of DWSD's capacity.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

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The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

From: Murray, David (GOV)
Sent: Friday, January 30, 2015 6:05 PM
To: Muchmore, Dennis (GOV); Clement, Elizabeth (GOV); Stanton, Terry A. (Treasury); Saxton, Thomas (Treasury); Walsh, John (GOV); Brownfield, Michael (GOV); Allard, Claire (GOV); Wurfel, Brad (DEQ); Posthumus, Dick (GOV); Hollins, Harvey (GOV); Clayton, Stacie (GOV); Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV)
Cc: Wisniewski, Wendy (GOV); Rospond, Laurie (GOV)
Subject: Backgrounder on Tuesday Flint water event
Attachments: Briefing Flint grant announcement.docx

Team,

Here is background on the planned Tuesday event in Flint regarding the $2 million Distressed Cities grant and other issues connected to the water issue.

There are plans for two press releases on Tuesday. The first will detail the two Flint grants and will be released by the governor's communications office. The other release, which would detail the other grants, would follow from Treasury with a quote from the governor.

Mayor Walling has agreed to speak at the event, with Harvey Hollins and Dan Wyant representing the governor's office. Sen. Ananich has asked to speak, and it has been suggested that Rep. Neeley would speak and it might be better to add him to the program. Others, such as Deputy Director Workman and Emergency Manager Ambrose, would be present and available.

The attached document includes details about the planned event, as well as background on the grants from Treasury and on the entire water issue from DEQ as well as Mayor Walling's Facebook post about the governor and links to the stories in the media about the issue.

We have a room reserved and are working with the communications team in Flint to have microphones and other items needed for the event.

Please let me know if there is any information you think should also be included, or anything that should be changed. Once everyone has had the opportunity to review, we can forward to the governor.

Thank you, everyone, for your assistance. I know there are lots of moving pieces and many people involved.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, 517-449-8343
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, 517-230-8006
Treasury communications: Terry Stanton, stantont@michigan.gov, 517-830-5807

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.

3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

Mayor Walling's Facebook post

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund

- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part. Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe. Thank you for your ongoing support.

Links to coverage

- Mayor, governor have 'long, productive' talk about Flint's water problems, Jan. 30
- 2,000 more gallons of water headed to Flint for giveaway, Jan. 30, 2015
- Flint emergency manager says there are two big reasons not to reconnect Detroit water, Jan. 29
- Flint Democracy Defense League plans four meetings on city's water problems, Jan. 29
- Environmentalist sends out new warnings about Flint water, NBC, Jan. 27
- Erin Brockovich says on Facebook she's prepared to come to Flint, MLive, Jan. 27
- Mott Community College not waiting for Flint to ensure safe water, MLive, Jan. 26
- Detroit water chief says she's willing to sell emergency water to Flint -- no strings attached, Jan. 26
- Mayor says governor needs to visit Flint to see water crisis first hand, MLive, Jan. 26
- Need water? Flint groups collect 600 cases, plan distribution this week, MLive, Jan. 26
- Incoming Flint water expert would have 'continual oversight' until new pipeline connected, Jan. 25
- Looking back at Flint's water problems (photo gallery), MLive, Jan. 25
- Flint water problems: Switch aimed to save $5 million -- but at what cost?, MLive, Jan. 23
- State says its already 'working diligently' on Flint's water problems, MLive, Jan. 22
- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 9:54 AM
To: Wurfel, Sara (GOV)
Subject: FW: Still on for tomorrow

Not a bad quote from Mayor.

From: Jason Lorenz [mailto:jlorenz@cityofflint.com]
Sent: Tuesday, February 03, 2015 9:53 AM
To: Murray, David (GOV)
Cc: Dayne Walling
Subject: Re: Still on for tomorrow

Good Morning,

If it's not too late, here is a quote from the Mayor:

"This announcement comes at the perfect time for Flint as we continue with repairs and upgrades to our water service infrastructure that are in accordance with our new Capital Improvement Plan. This significant funding opportunity from the State will allow us to move forward with two projects that will mean long term cost savings for the City of Flint."

-Flint Mayor Dayne Walling

Thanks,

Jason

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

On Mon, Feb 2, 2015 at 3:46 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
Hi Jason,

We're good on the podium, and we'll take care of the advisory. We should be good! Thank you for your help on this. I know we jumped in out of the blue on you.

Dave

Sent from my iPhone

On Feb 2, 2015, at 3:30 PM, Jason Lorenz <jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>> wrote:

Hi Dave,

We will have the PA system ready to go tomorrow and I'm trying to get a quote for you. Was there anything else you needed from me besides those two items? Do you need a podium or anything like that? Are you handling the media advisory and press release? Just let me know.

Very Best,

Jason

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>

On Mon, Feb 2, 2015 at 1:17 PM, Murray, David (GOV)
<MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>> wrote:
Hi Jason,

Just wanted to touch base. We're still on for tomorrow, and thank you for working to get the sound system from the police department.

Do you think the mayor wants to contribute a quote to our release?

I'm working from Grand Rapids today, and will be on my cell phone if you need me. PPI

Thanks!

Dave Murray

From: Jason Lorenz [mailto:jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>]
Sent: Friday, January 30, 2015 5:41 PM
To: Murray, David (GOV)
Subject: Re: Thank you for your help!

You're very welcome, David. I spoke with the Mayor and he would be glad to speak at Tuesday's event. Please keep me informed as the details become clear; as I said before, I'm here to help in any way I can.

Have a Good Weekend,

Jason

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com<mailto:jlorenz@cityofflint.com>

On Fri, Jan 30, 2015 at 4:53 PM, Murray, David (GOV) <MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>> wrote:
Jason, thank you for your assistance with the Tuesday event.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 5:33 PM
To: Wurfel, Sara (GOV)
Subject: FW: Flint Head Start told to not use city of Flint water?

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 2:40 PM
To: Minicuci, Angela (DCH); Murray, David (GOV)
Cc: Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave,

I attached the Bureau of Children and Adult Licensing (BCAL) GovDelivery email in my earlier email, but I've cut and pasted below for easier access. As you'll see, the article is making subscribers (primarily people who have licensed day cares and other facilities) aware of the city of Flint warning residents of potential dangers in the drinking water. BCAL is not ordering anyone to do anything. I apologize for not notifying the Governor's Office. I didn't see this until after it went out, and it didn't occur to me that the governor's office would need to be aware of it. In retrospect I should have let you know.

Please let me know if you need any additional assistance.

Thanks,

Bob

Having trouble viewing this email? View it as a Web page.

City of Flint Warns of Potential Health Risks Caused by the City's Drinking Water

The city says there's been too much disinfection byproduct in Flint's water system recently, something that -- over many years could cause liver, kidney or central nervous system problems and an increased risk of cancer.

The notice from the city says Flint water is safe to drink but warns that those with a severely compromised immune system, who have an infant or who are elderly may be at increased risk and should seek advice about drinking water from their health care provider.

For others, there is no need to boil water or take other actions, the notice says.

It is recommended that licensed child care providers and licensed adult foster care and homes for the aged providers seek medical advice or use bottle water when serving

individuals at increased risk as outlined above.

For more information, go to to the city's website at http://cityofflint.com.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 2:16 PM
To: Murray, David (GOV); Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

I agree about the concern with this notice going out. Bob and I spoke about this. Bob, I know you may not be involved when every messages like this go out, but I think a conversation should be had with local DHS offices who use GovDelivery about what is appropriate to send and what is not.

Angela

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

On Feb 3, 2015, at 12:07 PM, Wheaton, Bob (DHS) <WheatonB@michigan.gov> wrote:

> Everyone,
>
> Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So maybe that's what the intermediate school district is talking about regarding the Head Start program.
>
> It's possible MDE could have issued something as well, so I'll check with them.
>
> Bob
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:22 AM
> **To:** Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?

I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.

We'll get to the bottom of this.

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:19 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:15 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. Let me check with Ron for some details.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037
Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
WheatonB@michigan.gov
www.michigan.gov/dhs

<mime-attachment>

From: Murray, David (GOV)
Sent: Friday, February 06, 2015 3:26 PM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV)
Subject: FW: Flint Water

I have concerns about this.

http://www.veolianorthamerica.com/en

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!

Right-click here to download pictures. To help protect your privacy, Outlook prevented automatic download this picture from the Internet.
https://sites.google.com/a/truscottrossman.com/oct13/home/email-logo.png

Kelly Rossman-McKinney
CEO
Truscott Rossman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Ste. 3160 • Detroit, MI 48243
125 Ottawa Ave. N.W., Ste 235 • Grand Rapids, MI 49503

Cell: PPI
Office: (517) 487-6330
Fax: (517) 487-5080

From: Murray, David (GOV)
Sent: Friday, February 06, 2015 10:04 PM
To: Wurfel, Sara (GOV)
Subject: FW: Flint Water

Not Responsive

From: Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
Sent: Friday, February 06, 2015 3:22 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Clayton, Stacie (GOV)
Subject: Flint Water

Dave & Harvey: We are working with Veolia North America, the water consulting team Flint has hired to "assess the situation." We're planning to hold a media roundtable with city officials on Tuesday to introduce the Veolia team to local reporters. Gerry Ambrose suggested we invite some of the folks you invited to attend the newser earlier this week. Is that a list you can share with me or would it be better for the invite to come from you or the EM directly? I don't have a specific time yet but can provide that information for you when it is available. What do you think?

Kelly

PS I forgot to say thanks!!!!

Kelly Rossman-McKinney
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Cell: PPI
Office: (517) 487-6320
Fax: (517) 487-5080

Message

From: Wheaton, Bob (DHS) [/O=MIGOV/OU=EXTERNAL (FYDIBOHF25SPDLT)/CN=RECIPIENTS/CN=E61DD1DBADE0476B901D28A9BE91708F]
Sent: 2/9/2015 2:13:40 PM
To: Wurfel, Brad (DEQ) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=b6f17684155b465697bd2b350f2eb914]; Rauch, Randy (DHS) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=56c2803d6a9c4e8bb3b486ea5c7bd4a2]; Wurfel, Sara (GOV) [/O=MIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Wurfels]; Lasher, Geralyn (DCH) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=d7135a709f634c62b53c9dc1c48eb5ff]
CC: Mose, Sandi Kay (DHS) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=59e8b30090d74107aee50fcaecb6435c]; Stanton, Terry A. (Treasury) [/O=MIGOV/OU=EXTernal (FYDIBOHF25SPDLT)/cn=Recipients/cn=d0ff2dc83bc148e2b74491d411906ec8]
Subject: RE: Channel 12

Thanks, Brad.

Exactly. I'm going to refer them to the city for any questions about the cost of turning water back on or anything else having to do with the cost of water.

Under State Emergency Relief, DHS can pay up to $200 to reconnect water for households that meet eligibility standards, plus $175 for bills in arrearage that need to be paid to get the water turned back on. I can tell the reporter that.

Looping Geralyn into this discusson.

From: Wurfel, Brad (DEQ)
Sent: Monday, February 09, 2015 2:09 PM
To: Rauch, Randy (DHS); Wheaton, Bob (DHS); Wurfel, Sara (GOV)
Cc: Mose, Sandi Kay (DHS); Stanton, Terry A. (Treasury)
Subject: RE: Channel 12

Thanks for the loop in. DEQ oversees the quality of the water through our drinking water program. What the residents are charged is determined by the city. Who gets shut off, turned back on and all other operational questions should go to the city.

From: Rauch, Randy (DHS)
Sent: Monday, February 09, 2015 1:25 PM
To: Wheaton, Bob (DHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Mose, Sandi Kay (DHS)
Subject: RE: Channel 12

I will give Angie your phone number. Thank you Bob.

From: Wheaton, Bob (DHS)
Sent: Monday, February 09, 2015 1:22 PM
To: Rauch, Randy (DHS); Wurfel, Sara (GOV); Wurfel, Brad (DEQ)
Cc: Mose, Sandi Kay (DHS)
Subject: RE: Channel 12

Hi Randy,

This should definitely come to me to answer rather than being answered at the local office. I'm CC'ing Brad Wurfel from DEQ Communications.

We can tell her how much SER funding is available, but I don't think we're the ones who could or should say how much it costs for water, how much it costs to turn the water back on and/or why people in Flint are without water.

Thanks,

Bob Wheaton

Manager of Communications/Public Information Officer

Michigan Department of Human Services

235 S. Grand Ave. Suite 1510

P.O. Box 30037

Lansing, MI 48909

Phone: 517-373-4287

Cell: PPI

WheatonB@michigan.gov

www.michigan.gov/dhs

From: Rauch, Randy (DHS)
Sent: Monday, February 09, 2015 1:17 PM
To: Wheaton, Bob (DHS)
Cc: Mose, Sandi Kay (DHS)
Subject: Channel 12

Angie Hendershot would like to interview someone from this office regarding what the State pays for SER towards water bills. Turn on fees and the like. ABC 12 is doing a story about the water issues in Flint and the piece their interested in now is about the cost of the water and how much it costs and why so many people are without water. Then what it costs to get the water back on.

Do you want us to refer her to you or talk to her locally. I would have to discuss this with Sandi Mose, because SER is in her area.

From: Murray, David (GOV)
Sent: Thursday, February 12, 2015 5:22 PM
To: Wurfel, Sara (GOV)
Subject: FW: contact for Harvey Hollins' office

From: Murray, David (GOV)
Sent: Thursday, February 12, 2015 4:52 PM
To: 'Fonger, Ronald'
Cc: Hollins, Harvey (GOV)
Subject: RE: contact for Harvey Hollins' office

Hi Ron,

Director Hollins and Pastor Harris did speak yesterday, and they continue to engage in discussions about the Flint water issue. Everyone wants Flint residents to have clean, safe water. All parties to the discussions are gathering information about a variety of available options. There have been passionate and productive talks, and they will continue.

Dave

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Thursday, February 12, 2015 4:10 PM
To: Murray, David (GOV)
Subject: RE: contact for Harvey Hollins' office

Ok thanks dave

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, February 12, 2015 3:52 PM
To: Fonger, Ronald
Subject: RE: contact for Harvey Hollins' office

Hi Ron,

Sorry for the delay, will have something for you shortly.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Thursday, February 12, 2015 11:28 AM
To: Murray, David (GOV)
Subject: contact for Harvey Hollins' office

Dave:
I just spoke to Pastor Alfred Harris with Concerned Pastors for Social Action.
He talked about a conference call yesterday with Harvey Hollins, and said Hollins has asked the cities of Flint and Detroit for information about the cost of supplying water to Flint.

I tried to reach Brad Wurfel as a starting point on this but I'm not having any luck. Who should I be talking to at the state for information on this?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Monday, February 16, 2015 6:21 PM
Subject: PRESS RELEASE: Water Advisory Committee
Attachments: Water Advisory Committee Feb.2015.pdf

For Immediate Release

City of Flint to Form Water Advisory Committee from Members of the Community to Share Updates and Concerns

Flint, Michigan – February 16, 2015 – In response to the recent concerns regarding water quality in the City of Flint, a water advisory committee of 40 citizens consisting of business owners, elected officials and members of various community organizations is being formed. The committee's formation comes after the City hired the firm Veolia to provide an analysis of Flint's water system as well as recommendations on actions to improve water quality. The purpose of the committee will be to provide the community with ongoing information on the City's work to maintain a safe water supply and to improve quality.

In addition to gathering information from the City to share during their interactions with the community, committee members will also be expected to share the concerns they receive from the community in order for those concerns to be addressed. Mayor Dayne Walling pointed out that the level of connection between the City and the community provided by the committee is an important step toward ensuring that the public is engaged in this ongoing issue.

"Members of our community have concerns about the quality of their water, the costs associated with delivering it and the problems facing the infrastructure that brings it to them," said Mayor Walling. "As we worked to address each of these areas in turn, keeping our residents, businesses and visitors informed on the progress being made and keeping a dialogue open to hear any new concerns is crucial."

All meetings by the Water Advisory Committee will be open to the public and will be held at easily accessible locations throughout the city. Meetings will be held on a regular basis as work continues at least until the City is receiving its water from the Karegnondi Water Authority, which is anticipated to be in 2016.

The first meeting is anticipated to be during the first week of March, 2015. Letters have been sent to prospective members and confirmation is expected to be received by Friday, February 20, 2015. Any group who has not received an invitation and who would like to have a member participate can send a request to mayor@cityofflint.com.

A second, smaller group of experts in various areas surrounding water is also being formed. The Technical Advisory Committee will consist of members from the areas of health, government, industry, education and scientific research. That group will be announced later this week.

Groups and designated individuals asked to join the Water Advisory Committee:

Flint City Council President

Chair Public Works Cmte.

Concerned Pastors for Social Action

Flint & Genesee Chamber of Commerce

Hurley Medical Center

McLaren Flint

Genesys Health System

The United Way

Big Brothers Big Sisters

Flint Community Schools

Genesee County Commissioner

Genesee County Medical Society

Kettering University

Mott Community College

U of M Flint

Consumers Energy

Flint River Watershed Coalition

Hamilton Community Health Network

Tenacity Brewing (owner/city resident)

Master Plan Infrastructure team

Genesee County Drain Commissioner

The Torch (owner/city resident)

Flint Area Congregations Together

Flint Neighborhoods United

State Rep. Phil Phelps

State Rep. Sheldon Neeley

State Senator Jim Ananich

Governor's Office

U.S. Rep. Dan Kildee

COGIC Alliance

Flint Downtown Small Business Assoc.

Genesee Landlords' Assoc.

Brennan Senior Center

Hasselbring Senior Center

Valley Area Agency on Aging

The Salvation Army

Catholic Charities of Shiawassee and Genesee Counties

Genesee County Health Dept.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
(810) 237-2039
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–CONTINUE–

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

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Brennan Senior Center

Hasselbring Senior Center

Valley Area Agency on Aging

The Salvation Army

Catholic Charities of Shiawassee and Genesee Counties

Genesee County Health Dept.

–END–

From: Tommasulo, Karen (DEQ)
Sent: Monday, January 26, 2015 11:37 AM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Call from Bridge magazine on Flint water

Chastity Pratt from Bridge magazine contacted our drinking water staff to ask about the letter Mayor Walling sent the Governor requesting assistance on the city's drinking water situation. I had staff direct the call to your office.

Let me know if you'd like us to respond in some fashion. Thanks!

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 | 517-599-5733
tommasulok@michigan.gov

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, April 02, 2013 1:52 PM
To: Wurfel, Sara (GOV)
Subject: RE: Flint Water System Update

You can list me as a contact though guessing you will get most if not all of the ?s.

From: Wurfel, Sara (GOV)
Sent: Tuesday, April 02, 2013 1:48 PM
To: Stanton, Terry A. (Treasury)
Subject: RE: Flint Water System Update

I'd say use below as guide -- nothing new since Friday apparently.

BTW, are you OK if we list you as contact on Fitch release? Seems like we should have Treasury noted and most of calls will probably come here, but I know you're on vaca this week so wanted to be cognizant of that.

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, April 02, 2013 1:18 PM
To: Wurfel, Sara (GOV)
Subject: RE: Flint Water System Update

Any word? Steve bugging for follow-up.

From: Wurfel, Sara (GOV)
Sent: Tuesday, April 02, 2013 10:56 AM
To: Stanton, Terry A. (Treasury); Buhs, Caleb (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: RE: Flint Water System Update

Not that I'm aware of and believe this still stands. Double checking on this end just in case.

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, April 02, 2013 9:18 AM
To: Buhs, Caleb (GOV); Wurfel, Sara (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Fwd: Flint Water System Update

All,

Steve Carmody has asked for some information on this.

I will follow up with him based on the general info below. Any other "updates" at this point?

Thanks, Terry

Begin forwarded message:

From: "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
Date: March 29, 2013, 1:12:05 PM EDT
To: "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
Cc: "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>, "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>
Subject: Flint Water System Update

After speaking with Andy, Dan, Dennis and John, we have a plan for the next steps in Flint's request to participate in the KWA with Genesee County. Here is what we can confirm publicly, although unless it's a permitting question, we should have Treasury (Terry or I) answer any inquiries.

Ed Kurtz will submit a resolution to join the Karegnondi Water Authority (KWA) to the Treasurer, likely today. Once I receive word that we have officially received, we can confirm that we have it and the Treasurer will thoroughly review the resolution and perform due diligence before making a decision. Under PA 436, the State Treasurer must approve contracts over $50,000 that were not competitively bid.

No date has been set for the Treasurer to complete his review, but, he is fully aware of the tight timelines necessary to get approvals for the upcoming construction season, and will conduct his review accordingly.

That is all we can confirm publicly through next week. Just so you are aware, **and not for public consumption**, a call was placed to DWSD to let them know that Ed Kurtz was submitting his request and that if they have a final best offer that they should submit it very soon. This may prompt them to go to the media, or not, but be prepared if you get a call from that angle.

We need to develop some talking points for the following week, when Andy makes his determination. I will try to put together a draft by the end of the day and send it around for review. If anyone has anything they would like me to add, feel free to send it my way.

Let me know if you have any questions.

-Caleb

From: Stanton, Terry A. (Treasury)
Sent: Thursday, March 28, 2013 4:15 PM
To: Wurfel, Brad (DEQ); Silfven, Ken (GOV); Wurfel, Sara (GOV)
Subject: RE: Flint water proposal

Yes. Brom Stibitz is repping Treasury and keeping me updated.

-----Original Message-----
From: Wurfel, Brad (DEQ)
Sent: Thursday, March 28, 2013 4:11 PM
To: Stanton, Terry A. (Treasury); Silfven, Ken (GOV); Wurfel, Sara (GOV)
Subject: Flint water proposal

Terry, are you looped into the conversation happening in con hall right now with city of flint's request to move off detroit's water?

Sent from my iPhone

From: Smith, Jennifer (GOV)
Sent: Thursday, March 28, 2013 4:27 PM
To: Wurfel, Sara (GOV)
Subject: Flint

So basically Brad said he thinks Wyant is about to green light Flint joining Genesee County's water instead of Detroit's.

From: Wurfel, Brad (DEQ)
Sent: Thursday, March 28, 2013 4:32 PM
To: Stanton, Terry A. (Treasury)
Cc: Silfven, Ken (GOV); Wurfel, Sara (GOV)
Subject: Re: Flint water proposal

Genesee county is moving forward with this project to run a pipe to Lake Huron. DEQ already has permitted them. Flint has an EM or they would already have committed. They're in here making a very strong case right now.

Dillon is joined by phone. So everyone is clear, DEQ staff support and Wyant is likely to recommend supporting flint joining the county at the conclusion of this dialogue.

Just want to make sure we all are together on this. Looks like something substantial is about to happen. This will be news in Flint and in Detroit, either way.

Sent from my iPhone

On Mar 28, 2013, at 4:14 PM, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov> wrote:

> Yes. Brom Stibitz is repping Treasury and keeping me updated.
>
> -----Original Message-----
> From: Wurfel, Brad (DEQ)
> Sent: Thursday, March 28, 2013 4:11 PM
> To: Stanton, Terry A. (Treasury); Silfven, Ken (GOV); Wurfel, Sara (GOV)
> Subject: Flint water proposal
>
> Terry, are you looped into the conversation happening in con hall right now with city of flint's request to move off detroit's water?
>
> Sent from my iPhone

From: Buhs, Caleb (GOV)
Sent: Friday, March 29, 2013 10:04 AM
To: Smith, Jennifer (GOV); Wurfel, Sara (GOV); Weiss, Kurt (GOV)
Cc: Silfven, Ken (GOV)
Subject: RE: PHONE MESSAGE- Ron Fonger, MLive

I am working to get more information on this and will handle later today.

From: Smith, Jennifer (GOV)
Sent: Friday, March 29, 2013 9:08 AM
To: Wurfel, Sara (GOV); Weiss, Kurt (GOV)
Cc: Silfven, Ken (GOV); Buhs, Caleb (GOV)
Subject: PHONE MESSAGE- Ron Fonger, MLive

Hey Sara:

Ron called to follow up to an email he sent you re: Flint joining the Genesee County pipeline.

810-347-9963 or rfonger1@mlive.com

Thank you,
Jen

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Friday, March 29, 2013 12:09 PM
To: Wurfel, Sara (GOV)
Subject: RE: status of flint's participation in kwa water pipeline

Thanks Sara.
FYI. EM Kurtz has also endorsed the project for the first time when I interviewed him this morning.

Ron Fonger
810.347.9963

-----Original Message-----
From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Friday, March 29, 2013 10:52 AM
To: Fonger, Ronald
Subject: Re: status of flint's participation in kwa water pipeline

Sorry, Ron, have been in back-to-back meetings. Am trying to track info down so we can get back with you asap.

Thanks,
SW

Sent from my iPad

On Mar 29, 2013, at 10:27 AM, "Fonger, Ronald" <RFONGER1@mlive.com<mailto:RFONGER1@mlive.com>> wrote:

Sara:
Sorry to keep bugging you but I want you to know that flint's em just told us that the recommendation on flint becoming a part of the kwa has gone from the state treasurer to the governor.
Please contact me so I can include comment from your office.
Thanks for your help!

Ron Fonger
810.347.9963

From: Fonger, Ronald
Sent: Friday, March 29, 2013 9:10 AM
To: 'Wurfel, Sara (GOV)'
Subject: FW: status of flint's participation in kwa water pipeline

Hi Sara. Can you help me with this?
I understand there was a meeting between some state, city and county officials Thursday.
Thank-you

From: Buhs, Caleb (GOV)
Sent: Friday, March 29, 2013 12:51 PM
To: Wurfel, Sara (GOV)
Subject: RE: status of flint's participation in kwa water pipeline

I spoke with Ron and he is all set. I went over the next steps with him, EM resolution and Treasurer approval, and confirmed a meeting with state officials for the purpose of fact finding.

From: Wurfel, Sara (GOV)
Sent: Friday, March 29, 2013 12:27 PM
To: Buhs, Caleb (GOV)
Subject: Fwd: status of flint's participation in kwa water pipeline

More info ...

Sent from my iPad

Begin forwarded message:

> **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> **Date:** March 29, 2013, 12:19:38 PM EDT
> **To:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>
> **Subject: FW: status of flint's participation in kwa water pipeline**
>
> Sara:
> Talked to Kurtz a second time.
> I may have misunderstood his comments about the status of the pipeline issue in lansing.
> He says he doesn't know if the rec. has gone from treasurer to the governor.
> However, he confirms his recommendation in yesterday's meeting was for flint to join kwa.
> My story will reflect that. It's the first time the emergency manager was endorsed the kwa, joining the mayor and city council.
> We are still interested in the governor's position on this and the status of the state treasurer's recommendation to governor (or will the state treasurer make the decision?)
> Thanks,
>
> Ron Fonger
> 810.347.9963
>
> -----Original Message-----
> From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
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> To: Fonger, Ronald
> Subject: Re: status of flint's participation in kwa water pipeline

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Thank-you

From: Buhs, Caleb (GOV)
Sent: Friday, March 29, 2013 1:12 PM
To: Wurfel, Brad (DEQ); Stanton, Terry A. (Treasury)
Cc: Wurfel, Sara (GOV); Silfven, Ken (GOV); Weiss, Kurt (GOV)
Subject: Flint Water System Update

After speaking with Andy, Dan, Dennis and John, we have a plan for the next steps in Flint's request to participate in the KWA with Genesee County. Here is what we can confirm publicly, although unless it's a permitting question, we should have Treasury (Terry or I) answer any inquiries.

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> **Cc:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>, "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>
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Let me know if you have any questions.

-Caleb

From: Buhs, Caleb (GOV)
Sent: Tuesday, April 02, 2013 1:28 PM
To: Wurfel, Sara (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV)
Subject: Fwd: flint and water

See below from Fonger, it looks like he has also called in to the office. Is this being handled, do you need anything from me? Our talking points won't change based on Detroit's release, unless something has happened that I am unaware of. It isn't our place to dispute DWSD while Andy is officially reviewing the proposal, but Brom could get us some info on the estimated savings if we needed it.

Just let me know if you need anything from me.

Caleb

Begin forwarded message:

> **From:** "Fonger, Ronald" <RFONGER1@mlive.com>
> **Date:** April 2, 2013, 8:32:42 AM EDT
> **To:** "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
> **Subject: flint and water**
>
> Hi Caleb:
> The city of Detroit is asking the state to block flint from joining in the water pipeline project (http://www.mlive.com/news/flint/index.ssf/2013/04/detroit_to_state_stop_flints_p.html#incart_river_default)
> I'll be updating the story today and wanted to see if there are any developments from Lansing.
> Thanks,
>
> Ron Fonger
> 810.347.9963

From: Weiss, Kurt (GOV)
Sent: Tuesday, April 02, 2013 2:52 PM
To: Buhs, Caleb (GOV); Wurfel, Sara (GOV); Silfven, Ken (GOV)
Subject: RE: flint and water
Attachments: PR 130402 FitchUpgrade.docx

We are good Caleb. I will handle. Hey, in case you missed it, here's the "good news" release we are about to send.

From: Buhs, Caleb (GOV)
Sent: Tuesday, April 02, 2013 1:28 PM
To: Wurfel, Sara (GOV); Weiss, Kurt (GOV); Silfven, Ken (GOV)
Subject: Fwd: flint and water

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> 810.347.9963

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

Contact: Sara Wurfel, Kurt Weiss, Terry Stanton
517-335-6397 or wurfels@michigan.gov,
weissk5@michigan.gov, stantont@michigan.gov

FOR IMMEDIATE RELEASE
Tuesday, April 2, 2013

Fitch upgrades Michigan credit rating, citing state's economic, fiscal recovery

Standard and Poor's Moves Michigan Outlook to "Positive"

LANSING, Mich. – Gov. Rick Snyder today announced that Fitch Ratings has upgraded Michigan's general obligation credit rating to AA, the first time Fitch has rated Michigan above AA- since January 2007. Fitch said the upgrade reflects "the state's solid economic and fiscal recovery over the last two years."

Also today, Standard and Poor's upgraded Michigan's credit outlook to "positive," while affirming its AA- rating. Moody's announced a similar upgrade last week.

"Michigan is the comeback state and our progress is being recognized," Snyder said. "Within a week, we have seen positive movement from all three Wall Street rating agencies. That sends a clear message that Michigan is on the right track and moving forward."

Less than two weeks ago, Snyder, State Treasurer Andy Dillon, and State Budget Director John Nixon met with representatives of the three major rating agencies to discuss how Michigan's credit profile had improved significantly over the last two years.

"We had a very strong case to present to the rating agencies," the governor said. "The state budget is now in structural balance and we have a growing budget stabilization fund. We also have reduced the state's long-term liabilities .These steps are all positive for our customers – the people of Michigan – and for the state's long-term fiscal and economic health. The actions by the rating agencies reflect the solid progress that we've made over the past two years."

Fitch agreed, noting: "The state has used the economic and revenue momentum of the last two fiscal years to stabilize state finances, with structurally balanced budgets, annual surpluses, higher liquidity and sizable deposits to the budget stabilization fund (BSF)…The state's long-standing prudent fiscal management, combined with the actions taken in recent years, leave it better positioned to address future economic and revenue uncertainty."

"Since taking office, this governor has been adamant that we needed to fix the state's fiscal problems now, rather than just ignore them and hope someone would fix them in the future. The state is in a much better financial position today than it was two years ago because we were willing to make some difficult decisions and take a responsible approach to spending taxpayer

dollars," Dillon said. "We are on the right path and there is no doubt we will continue to take the steps to keep this momentum going."

In its announcement, Fitch also noted Michigan benefits from low-to-moderate long-term liabilities. "Net tax-supported debt has been and is expected to remain in the low-to-moderate range. Obligations for retiree pensions and health care are manageable and the state continues to pursue additional savings."

"We took action to make the needed reforms related to our long-term unfunded liabilities," said Nixon. "Debt from pension and retiree health care costs was strangling the retirement systems for both state and school employees. Our actions have reduced those long-term liabilities by more than $20 billion. Those steps not only helped put the state's fiscal house in order, but they also put those retirement systems back on solid financial ground, which is crucial to the thousands of employees counting on those benefits."

###

From: Weiss, Kurt (GOV)
Sent: Wednesday, April 03, 2013 8:34 AM
To: Wurfel, Sara (GOV); Silfven, Ken (GOV)
Subject: FW: Your call on Flint Water

I am talking with Caleb about how he thinks we should handle this. If Ron can wait until next week that would be better.

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Wednesday, April 03, 2013 8:13 AM
To: Weiss, Kurt (GOV)
Subject: RE: Your call on Flint Water

Hi Kurt:
Thanks for responding.
I'd like to talk to you or someone at the state who can speak to whether the state treasurer's approval is required because of the Flint City Council having voted before the change in the emergency manager law as well as how the state is balancing the interests of two cities that are both in financial distress with emergency managers in place.

Can you help with this?
Thanks,

Ron Fonger
810.347.9963

From: Weiss, Kurt (GOV) [mailto:WeissK5@michigan.gov]
Sent: Tuesday, April 02, 2013 5:46 PM
To: Fonger, Ronald
Subject: Your call on Flint Water

HI Ron,

I got the message through Caleb here in the governor's communications office that you were looking for a comment on the recent dispute between Flint and Detroit regarding water. Treasurer Dillon is still reviewing the proposal and we will have more to say once the review is complete. We will keep you posted.

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, April 03, 2013 3:24 PM
To: Stibitz, Brom (Treasury); Wurfel, Sara (GOV)
Cc: Buhs, Caleb (GOV); Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: RE: Flint & DWSD water

Caleb is working on TPs to follow the review/determination. We will be sure to coordinate, etc., to ensure we are prepared.

From: Stibitz, Brom (Treasury)
Sent: Wednesday, April 03, 2013 3:01 PM
To: Wurfel, Sara (GOV)
Cc: Stanton, Terry A. (Treasury); Buhs, Caleb (GOV); Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: Re: Flint & DWSD water

Assuming we don't get different direction, I suspect Andy would sign early next week. He is on vacation this week.

Sent from my iPad

On Apr 3, 2013, at 12:51 PM, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov> wrote:

> Hi guys –
>
> Just wanted to loop back and check in re: timing on this issue. Last understanding was that was under close review by state treasurer and that soonest decision would be made is end of this week, beginning of next.
>
> As you're both out this week (☹), just want to make sure we have a mechanism in place to coordinate with us in Gov's comm office as soon as know timing and plan so we can be ready with messaging and any outreach that may be needed. Sounds like this will be contentious one way or the other regardless of the determination so just trying to make sure we're prepared as possible.
>
> Please advise. Thanks!
> SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Weiss, Kurt (DTMB)
Sent: Thursday, April 04, 2013 9:40 AM
To: Wurfel, Sara (GOV); Silfven, Ken (GOV)
Subject: FW: Flint Water Article

FYI, Fonger is going to call back on Monday, his recent article is at the link below. I'll hand this back off to Terry and Caleb next week, as I'm not sure when Dillon will have his review done.

From: Weiss, Kurt (DTMB)
Sent: Thursday, April 04, 2013 9:04 AM
To: Buhs, Caleb (GOV); Stanton, Terry A. (Treasury)
Subject: Flint Water Article

http://www.mlive.com/news/flint/index.ssf/2013/04/state_spokesman_says_treasurer.html

From: Muchmore, Dennis (GOV)
Sent: Thursday, April 04, 2013 9:44 AM
To: Stanton, Terry A. (Treasury); Stibitz, Brom (Treasury); Wurfel, Sara (GOV)
Cc: Buhs, Caleb (GOV); Roberts, John (GOV)
Subject: RE: Flint & DWSD water

I told the Gov about this again today. Let's make sure we sit on this until Tuesday or so, and do you have a comms plan in place?

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, April 03, 2013 3:24 PM
To: Stibitz, Brom (Treasury); Wurfel, Sara (GOV)
Cc: Buhs, Caleb (GOV); Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: RE: Flint & DWSD water

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From: Stibitz, Brom (Treasury)
Sent: Wednesday, April 03, 2013 3:01 PM
To: Wurfel, Sara (GOV)
Cc: Stanton, Terry A. (Treasury); Buhs, Caleb (GOV); Muchmore, Dennis (GOV); Roberts, John (GOV)
Subject: Re: Flint & DWSD water

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Sent from my iPad

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Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile

From: Adams, Dominic <DADAMS5@mlive.com>
Sent: Friday, April 19, 2013 5:44 PM
To: Wurfel, Sara (GOV)
Subject: RE: Flint & DWSD water

Sara:

I spoke with Caleb. Thanks for the email.

Have a good weekend.

Dominic Adams | police reporter |The Flint Journal | 810-241-8803 | dadams5@mlive.com | On Twitter |On Facebook|

From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Friday, April 19, 2013 5:42 PM
To: Ron Fonger - Flint Journal; Adams, Dominic
Cc: Buhs, Caleb (GOV)
Subject: Flint & DWSD water

Ron and Dominic –

Just wanted to confirm that I received both of your messages and I believe Caleb Buhs has tried to reach and get back with you. I believe you and the Journal are all set. Just in case, he's cc'd here and his cell is PPI

So you know, our team has been on different assignments so thankfully both Kurt Weiss and Caleb Buhs have been on loan to our team to help cover in the interim. So Dominic – when you get calls from one of them, they are calling on my and the Governor's behalf.

Thanks much and best regards,
SW

Sara Wurfel, APR
Press Secretary | Executive Office of Governor Rick Snyder
wurfels@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@SaraLW

From: Stibitz, Brom (Treasury)
Sent: Friday, April 26, 2013 4:58 PM
To: Buhs, Caleb (GOV)
Cc: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV)
Subject: RE: Flint/DWSD

Kevyn indicated that they would work through it in good faith.

From: Buhs, Caleb (GOV)
Sent: Friday, April 26, 2013 4:58 PM
To: Stibitz, Brom (Treasury)
Cc: Stanton, Terry A. (Treasury); Wurfel, Sara (GOV)
Subject: RE: Flint/DWSD

Was it clear that DWSD will no longer discontinue service in 12 months?

From: Stibitz, Brom (Treasury)
Sent: Friday, April 26, 2013 4:51 PM
To: Muchmore, Dennis (GOV); Roberts, John (GOV); Dillon, Andy (Treasury)
Cc: Buhs, Caleb (GOV); Wurfel, Sara (GOV); Stanton, Terry A. (Treasury)
Subject: Flint/DWSD

Ed Kurtz and Kevyn Orr spoke this afternoon. Ed indicated that Flint will not accept the last offer from DWSD. His formal letter is attached.

I spoke with both (separately) after the call. They both indicated that they had a good conversation, and that they sincerely look forward to working with the other in good faith over the next couple years.

Kevyn indicated that he would follow up with Sue McCormack, and that his direction will be that there be no more talking to the press about the issue. Ed plans to stay silent on the deal until Monday, at which time he will address the issue in a matter of fact matter, and stay away from any divisive language regarding the issue.

Brom Stibitz
Senior Policy Advisor
Michigan Department of Treasury
517-373-3223
stibitzb@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Tuesday, April 30, 2013 12:39 PM
To: Silfven, Ken (GOV); Wurfel, Sara (GOV); Holyfield, Jeff (GOV)
Cc: Buhs, Caleb (Treasury); Stanton, Terry A. (Treasury)
Subject: FW: Caller: Steven Busch of ODWMA - 517-643-2314

Importance: High

Just talked to our staff guy on the Flint / Detroit water situation. Apparently Flint is going to make a public announcement today. We're deferring calls to Treasury unless otherwise directed by you guys. Our expertise here is about water quality and technical issues. This conversation is about contract and money right now ...

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-241-7395 - office
PPI cell

From: Thelen, Mary Beth (DEQ)
Sent: Tuesday, April 30, 2013 12:37 PM
To: Wyant, Dan (DEQ)
Cc: Wurfel, Brad (DEQ); Thelen, Mary Beth (DEQ)
Subject: Caller: Steven Busch of ODWMA - 517-643-2314
Importance: High

Director,

Steve Busch stopped by and needs to talk to you ASAP. He will be in a meeting at 1:00 in the Lillian Hatcher Room 3N but you can pull him from this meeting. Or you can call him at PPI

He wants to make sure everyone is on the same page with City of Flint.

Announcement today from City of Flint.

They have a meeting on May 14 to discuss contingency issues.

Thank you.

Mary Beth

Mary Beth Thelen
Executive Management Assistant to the Director
Department of Environmental Quality
Thelenm2@michigan.gov
517-373-7917 or 517-241-7390

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Tuesday, March 11, 2014 2:25 PM
Subject: MEDIA ADVISORY: Groundbreaking Ceremony at Water Treatment Plant
Attachments: WTP.Ceremony.Invite.pdf

FOR PLANNING PURPOSES ONLY

MEDIA ADVISORY: Flint Water Treatment Plant Upgrade Groundbreaking Ceremony (See Attached)

WHEN: Wednesday, March 12, 2014 from 1:00-2:00 p.m.

WHERE: Flint Water Treatment Plant, 4500 N. Dort Hwy., Flint

DETAILS:

Speakers will include:

Howard Croft, Flint DPW Director
Mayor Dayne Walling
Scott Kincaid, Flint City Council President
Darnell Earley, Flint Emergency Manager

After remarks and groundbreaking, a guided tour of the Water Treatment Plant will be provided by Utilities Administrator Daugherty Johnson and Plant Supervisor Brent Wright

Please RSVP

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

Flint Water Treatment Plant Upgrade Groundbreaking Ceremony

Please Join Us

Wednesday, March 12, 2014

1:00 - 2:00 p.m.

Flint Water Treatment Plant

4500 N. Dort Hwy.

Program will include:

- Welcome from DPW Director Howard Croft
- Remarks from Mayor Walling, Council President Scott Kincaid and Emergency Manager Darnell Earley
- A guided tour of the Water Treatment Plant provided by Utilities Administrator Daugherty Johnson & Water Plant Supervisor Brent Wright
- Light refreshments will be available

For Questions Please Contact:
Jason Lorenz
Public Information Officer
City of Flint
810-237-2039 or **jlorenz@cityofflint.com**

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Tuesday, April 15, 2014 4:29 PM
Subject: PRESS RELEASE: City of Flint Water Presentations
Attachments: Water.Presentations.4.17.2014.pdf

For Immediate Release

City of Flint to Hold Special Public Presentations on Water Ahead of Planned Switch to Flint River as City's Water Source

Flint, Michigan – April 15, 2014 – The City of Flint will be holding two separate public presentations on the topic of water on Thursday, April 17, 2014. There will be a forum for Flint restaurateurs held at 3:00pm inside Café Rhema at 432 S. Saginaw Street in which local managers and owners can address any concerns on the river's use. An informational presentation for the general public will then be held at 5:30pm inside the City Council Chambers of Flint City Hall. That event will include a panel of City of Flint officials as well as John O'brien from the Genesee County Drain Commissioner's office and a representative from the Raftelis Financial Consulting firm.

Use of the river, upgrades and maintenance required for the water and sewer infrastructure and the overall cost of the system will be addressed in the presentation. Last week, the Raftelis firm presented the findings of a water and sewer rate study undertaken at the request of Emergency Manager Darnell Earley to the Flint City Council Public Works Committee.

"The results of the study, along with items related to the use of the river for the period during which the KWA pipeline is built, will be included in this comprehensive view of the present and future of the City's water service system and what will be required to maintain its operation long term," said Emergency Manager Darnell Earley. "We have a strategic vision of how to preserve and improve upon that service and plan on sharing it with the people of Flint." Both events come as the City prepares to begin using the Flint River as its primary source, which is scheduled to occur sometime after this Thursday.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039

jlorenz@cityofflint.com

Darnell Earley
ICMA-CM, MPA
Emergency Manager

Dayne Walling
Mayor

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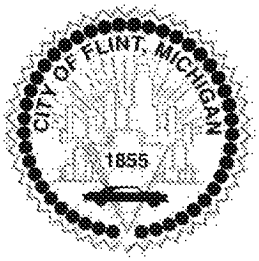
–CONTINUE–

Darnell Earley
ICMA-CM, MPA
Emergency Manager



Dayne Walling
Mayor

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–END–

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Wednesday, April 16, 2014 5:32 PM
Subject: MEDIA ADVISORY: DPW Press Briefing

FOR MEDIA PLANNING PURPOSES ONLY.

MEDIA ADVISORY: Flint Dept. of Public Works Press Briefing Regarding Water

WHEN: Thursday, April 17, 2014 at 9:00am

WHERE: Mayor's Office Conference Room, Flint City Hall

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Thursday, April 17, 2014 12:23 PM
Subject: MEDIA ADVISORY: Water Plant Photo Op

MEDIA ADVISORY: Water Treatment Plant Drawing from Flint River Photo Opportunity

WHEN: Thursday, April 17, 2014 at 2:00pm

WHERE: Flint Water Treatment Plant, 4500 N. Dort Hwy., at Stewart Ave.

DETAILS: Join us for an historic event as Flint's Water Treatment Plant begins drawing Flint River water for treatment and softening. This is the next major step towards using the Flint River as a primary water source for the first time in almost 50 years and a major step in securing Flint's water independence.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Monday, April 21, 2014 2:17 PM
Subject: PRESS RELEASE: Statement on Final Water Plant Work
Attachments: WTP.Finalization.Statement.pdf

For Immediate Release

Emergency Manager Darnell Earley and City of Flint Department of Public Works Director Statements on Finalization of Water Treatment Plant Ahead of Flint River Use

Flint, Michigan – April 21, 2014 – The City of Flint's Emergency Manager Darnell Earley and Department of Public Works Director have released the following statements in regard to the final work to be completed at the Water Treatment Plant ahead of Flint River use.

"We are preparing to install the final two pumps required to maintain the necessary water pressure for chlorination; that work will be completed by mid-week. Once the necessary pumps are operational, water quality tests will continue to be performed to ensure the water passes both DEQ safety standards as well as our own stringent water quality standards." –Howard Croft, DPW Director

"After this final step has been completed, Flint will then be able to shut the intake from Detroit and begin using the river. We are still on track to be using the river this week as early as Thursday and remain enthusiastic about this historic event."

–Darnell Earley, City of Flint Emergency Manager

–END–

-Jason Lorenz
Public Information Officer

City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

Jason Lorenz
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"After this final step has been completed, Flint will then be able to shut the intake from Detroit and begin using the river. We are still on track to be using the river this week as early as Thursday and remain enthusiastic about this historic event."
–Darnell Earley, City of Flint Emergency Manager

–END–

From: Jason Lorenz [jlorenz@cityofflint.com]
Sent: Thursday, April 24, 2014 4:33 PM
Subject: MEDIA ADVISORY: Flint River Water Transition Event

MEDIA ADVISORY:
City of Flint Transition to Flint River Water Ceremony

WHERE: Flint Water Treatment Plant, 4500 N. Dort Hwy. by Stewart Ave.

WHEN: Friday, April 25, 2014 at 2:00pm

Description: The City of Flint is holding a ceremony tomorrow to officially begin the transition to use of the Flint River by shutting the valve to the intake pipe from Detroit.

The DEQ has given Flint final authorization to begin water distribution from the Flint Water Treatment Plant. City, Genesee County, and Michigan Department of Environmental Quality officials will be on hand to witness this historic event and answer media questions.

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Friday, April 25, 2014 4:23 PM
Subject: PRESS RELEASE: Flint Officially Begins Using River
Attachments: Flint.River.Transition.4.25.14.pdf

For Immediate Release

City of Flint Officially Begins Using Flint River as Temporary Primary Water Source

Flint, Michigan – April 25, 2014 – For the first time in fifty years, the City of Flint is using the Flint River—part of the Saginaw River watershed—as a primary water source for city residents. Today the valve to the pipeline from Detroit was closed and the Flint River officially became Flint's water supply. The temporary switchover is scheduled to support the city's primary water needs for the next two years while construction of the forthcoming pipeline from Lake Huron is completed by Karegnondi Water Authority. Officials from the City of Flint, the Genesee County Drain Commission and the Michigan Department of Environmental Quality were all on hand to witness the historic event.

The Flint River was once the primary source of water for city residents up to the 1960s. Over the past 40 years, it has provided water to city residents as a back-up to water provided to us by Detroit. During our partnership with Detroit, Flint has had to transition to the use of the Flint River for residential water on a few different occasions, with the most recent temporary switchover happening in 2009. Each temporary stint on local water proved three things to city employees and residents alike: That a transition to local river water could be done seamlessly, and that it was both sensible and safe for us to use our own water as a primary water source in Flint.

Even with a proven track record of providing perfectly good water for Flint, there still remains lingering uncertainty about the quality of the water. In an effort to dispel myths and promote the truth about the Flint River and its viability as a residential water resource, there have been numerous studies and tests conducted on its water by several different independent organizations. In addition to what has been found in independent

studies, it is also the responsibility of the City of Flint Water Service Center to continually test the water provided to city residents. Michael Prysby of the Michigan DEQ Office of Drinking Water verified that "the quality of the water being put out meets all of our drinking water standards and Flint water is safe to drink."

For nearly 10 years Mike Glasgow has worked in the laboratory at the City of Flint Water Service Center. He has run countless tests on our drinking water to ensure its safety for public use. Mike has not only conducted tests on water provided to us by Detroit, but also on local water from nearby rivers, lakes and streams including the Flint River. When asked if over the last decade if he has seen any abnormalities of major concern in the water, his response was an emphatic, "No." In his words, "there has been nothing seen that was of major concern," during his ongoing tenure working in the lab. "The tests results have shown that our water is not only safe, but of the high quality that Flint customers have come to expect," announced DPW Director Howard Croft, "we are proud of the end result."

Apart from the water plant's devotion to ensuring that our water is good, Flint is doubly blessed in having the Flint River Watershed Coalition as a separate organization dedicated to monitoring the overall welfare of local bodies of water, overseeing more than 30 different nearby locations. Rebecca Fedewa has been director of the watershed coalition since 2008. By virtue of her passion for her work and her position on the board, she is very conversant with the condition of the Flint River. In her words, "The Flint River is increasingly healthy, and completely suitable as a drinking water source." Fedewa and FRWC are working closely with the city "to monitor flows and habitats between the intake and the waste water treatment plant to ensure there are minimal to no impacts to the overall health of the river."

FRWC also invites city residents to be a part of their monitoring exercises during this spring in order "to gain firsthand knowledge in the health and vitality of our Flint River." Mayor Dayne Walling invited everyone at today's event to toast to Flint's water. "It's regular, good, pure drinking water, and it's right in our backyard," said Mayor Walling, "this is the first step in the right direction for Flint, as we take this monumental step forward in controlling the future of our community's most precious resource."

–END–

-Jason Lorenz
Public Information Officer
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Darnell Earley
ICMA-CM, MPA
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–END–

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Monday, August 18, 2014 5:52 PM
Subject: PRESS RELEASE: Water Advisory Update
Attachments: Water Advisory 8.18.2014.pdf

For Immediate Release

City of Flint Boil Water Advisory Still in Effect for Area Affected by Discovery of Abnormal Water Sample

Flint, Michigan – August 18, 2014 – The City of Flint's Utilities Department has received word today from the Department of Environmental Quality that the boil water advisory issued for a small portion of the city is still in effect although additional testing has shown no signs of E-coli or fecal coliform bacteria in the water. Testing over the last 48 hours has shown that the water tests negative for the presence of fecal coliform bacteria and E-coli, but an abnormal test result triggered the advisory. It is believed that a sampling error is to blame for the abnormal test; however, as a precaution, the advisory will remain in effect until the next citywide sampling has been completed. The next round of routine testing will take place on Tuesday, August 19, 2014 with the possibility that the advisory could be lifted as early as Wednesday, August 20, 2014.

Testing of the drinking water is a part of the routine process for ensuring the quality and safety of the system which happens weekly at nine different sites around the city. Drinking water contamination due to E-coli or coliform bacteria is very rare due to the fact that the bacteria cannot survive in the water for very long. The colder temperature of water in the system coupled with the regular blending of chlorine into the water makes for a hostile environment for these kinds of bacteria. The Flint Water Treatment Plant works diligently to provide water of the highest quality to everyone in the city.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

City of Flint Boil Water Advisory Still in Effect for Area Affected by Discovery of Abnormal Water Sample

Flint, Michigan – August 18, 2014 – The City of Flint's Utilities Department has received word today from the Department of Environmental Quality that the boil water advisory issued for a small portion of the city is still in effect although additional testing has shown no signs of E-coli or fecal coliform bacteria in the water. Testing over the last 48 hours has shown that the water tests negative for the presence of fecal coliform bacteria and E-coli, but an abnormal test result triggered the advisory. It is believed that a sampling error is to blame for the abnormal test; however, as a precaution, the advisory will remain in effect until the next citywide sampling has been completed. The next round of routine testing will take place on Tuesday, August 19, 2014 with the possibility that the advisory could be lifted as early as Wednesday, August 20, 2014.

Testing of the drinking water is a part of the routine process for ensuring the quality and safety of the system which happens weekly at nine different sites around the city. Drinking water contamination due to E-coli or coliform bacteria is very rare due to the fact that the bacteria cannot survive in the water for very long. The colder temperature

–CONTINUE–

CITY OF FLINT
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ICMA-CM, MPA

of water in the system coupled with the regular blending of chlorine into the water makes for a hostile environment for these kinds of bacteria. The Flint Water Treatment Plant works diligently to provide water of the highest quality to everyone in the city.

–END–

City Hall
1101 S. Saginaw Street - Flint, Michigan 48502
810-766-7346 FAX: 810-766-7218 www.cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Tuesday, September 09, 2014 4:37 PM
Subject: PRESS RELEASE: Boil Water Advisory Lifted
Attachments: Boil Water Advisory Lifted 9.9.2014.pdf

For Immediate Release (Official Signed Notice to Follow)

City of Flint Boil Water Advisory Lifted

Flint, Michigan – September 9, 2014 – The City of Flint's Utilities Department and the DEQ have lifted both of the boil water advisories from this week for a western portion of the city. Testing results from all areas of the city confirm that the water is safe for all purposes. "The investigation into the cause of the boil water advisories continues," said Emergency Manager Darnell Earley, "we will share the results from that investigation once it is available."

–END–

-Jason Lorenz
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For Immediate Release

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–END–

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Wednesday, September 10, 2014 4:31 PM
Subject: MEDIA ADVISORY: EM Press Briefing

FOR PLANNING PURPOSES ONLY, NOT FOR REDISTRIBUTION

MEDIA ADVISORY: Emergency Manager Press Briefing

WHEN: Thursday, September 11, 2014 at 10am

WHERE: Mayor's Office Conference Room

Topics will include, but are not limited to:

- **Water Update**
- **911 Consolidation**
- **Operation Fresh Start**
- **City Administrator Recruitment**

-Jason Lorenz
Public Information Officer
City of Flint
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jlorenz@cityofflint.com

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Monday, December 15, 2014 4:18 PM
Subject: PRESS RELEASE: KWA Intake Installed at Water Treatment Plant
Attachments: KWA Intake 1.png; KWA Intake 2.png; KWA Intake Installation at Water Plant Dec.2014.pdf

For Immediate Release

City of Flint Takes a Step Closer to KWA Preparedness with a Crucial Upgrade to the Water Treatment Plant

Flint, Michigan – December 15, 2014 – The City of Flint has this week taken a big step toward the eventual transition to use of the Karegnondi Water Authority Pipeline with a much needed upgrade to the City's Water Treatment Plant. A large 36" connection line which will serve as the main feed to the plant from the new pipeline was installed over the weekend of December 6, 2014. "This massive undertaking was done without interruption of service to customers and ahead of its scheduled completion," said Department of Public Works Director Howard Croft.

"The installation of the intake section to the water treatment plant represents a key portion of the City of Flint's transition to using the KWA for our water needs," said Utilities Administrator Daugherty Johnson. "Once construction on the KWA pipeline reaches Flint, the City will have the necessary connection in place to begin receiving and treating Lake Huron water." Along with other critical upgrades to the plant in the past two years, the intake installation brings Flint one step closer to having direct control over all of its water system needs. The KWA pipeline is expected to reach Flint by summer of 2016.

–END–

-Jason Lorenz
Public Information Officer

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This Document is a Non-Responsive Attachment.

This Document is a Non-Responsive Attachment.

Darnell Earley
ICMA-CM, MPA
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
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For Immediate Release

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–END–

From: Elizabeth Murphy <emurphy@cityofflint.com>
Sent: Friday, January 09, 2015 4:22 PM
To: ABC12news; Adams, Dominic; Angie Hendershot; Assoc. Press; Audrey Martini; Bill Harris-WEYI; Carrie Sharp; Cathy Shafran-MLIVE; Courier News; Darnell Earley; Dave Waymire; David Harris-MLIVE; Dawn Jones; Dayne Walling; Muchmore, Dennis (GOV); East VillageNews; Koryzno, Edward (Treasury); Elaine Redd; Elizabeth Murphy; Emily Nelson; Eric Mays, Ward 1; Franklin, Matthew; Hollins, Harvey (GOV); Ian Rubin-WNEM; Inez Brown; Jake May; Janell Johnson; Jason Caya; Jason Cooper; Jason Lorenz; Jennifer Christenson; Jeremy Allen; Jessica Pressley; Joel Feick-WEYI; Joshua M. Freeman, Ward 4; Kate Wells; Kristin Longley-MLIVE; Kristin Moore; Lilly Brian; Lola Larkin; Marc 'Marcobson' Jacobson; Marjory Raymer; Maxine Murray; Michael Brown; Michael Rust; Michigan Radio; Mickle, Bryn; Monica Galloway, Ward 7; Mookie Wilson-WJRT; NBC25 Newsroom; Neille Giffune; Nicole Byilingiro; Nina Sika-WNEM; Patrick Wilson-WJRT; Byrne, Randall (Treasury); Randy Conat; Baird, Richard (GOV); Ridley, Gary; Roberto Acosta-MLIVE; Ron Fonger; Wurfel, Sara (GOV); Scott Kincaid, Ward 9; Stephanie Hackney; Steve Carmody-MPR; Stanton, Terry A. (Treasury); Thorne, Blake; Tom Lenard; Tony Cuttitta; Vicki VanBuren, Ward 8; Wantwaz Davis, Ward 5; Workman, Wayne (TREASURY); WFLT 1420am; WNEM
Subject: PRESS RELEASE - Flint Emergency Manager's Statement on Residents' Water Concerns
Attachments: Flint Water Statement 010915.pdf

For Immediate Release

Emergency Manager Statement on Residents' Flint River Water Concerns

Flint, Michigan – January 9, 2015 – The City of Flint's Emergency Manager Darnell Earley today released a statement regarding residents' Flint River water safety concerns following the distribution of the total trihalomethanes violation letter:

"Suggestions have been made that the City of Flint should return to using water purchased through the Detroit Water and Sewerage Department (DWSD). For many reasons, financial and otherwise, the City of Flint can ill-afford to switch courses at this point. Thus, we will continue to follow the guidelines and directives of the Michigan DEQ in the implementation of our water quality plan and operational report, until the KWA water source is available. The estimated cost to go back to the water provided by the DWSD is approximately $1 million per month and the City expects to be using the Karegnondi Water Authority (KWA) Lake Huron water within the next eighteen months. It is not financially prudent to spend $18 million to purchase water that meets the same DEQ standards as the water now available from the Flint River.

However, because of the concerns raised by the public, as well as the city council and our state legislative delegation, we want to make sure that the Flint water treatment operation is doing everything it can to address the challenges outlined in the recent violation notice issued by the State Department of Environmental Quality (DEQ). We will be seeking river water management consultants with extensive treatment expertise to work with the Flint Utilities Department staff to assure that best practices are being used for treatment and

distribution of the Flint River water. This is a much better use of the City's limited funds than trying to pursue a course back to DWSD."

–END–

--
Liz Murphy
Assistant to the Emergency Manager
City of Flint
810 237 2025

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
DARNELL EARLEY
ICMA-CM, MPA

Jason Lorenz
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Elizabeth Murphy
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emurphy@cityofflint.com

For Immediate Release

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-CONTINUE-

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
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–END–

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From: Jason Lorenz [jlorenz@cityofflint.com]
Sent: Thursday, January 15, 2015 5:38 PM
Subject: PRESS RELEASE: City of Flint Issues Request for Proposals for Water Quality Consultant
Attachments: Water Consultant RFP.pdf

For Immediate Release

City of Flint Issues Request for Proposals for Water Quality Consultant

Flint, Michigan – January 15, 2015 – Consistent with the plan set forth by former Emergency Manager Darnell Earley to address concerns about drinking water quality, the City of Flint has released a Request for Proposal for an evaluation of the City's efforts to improve the quality of drinking water provided by the City's utility system. The City is seeking a firm with experience in water treatment systems which use river water as a source. The RFP can be found on the City's website at http://flintweb2.cityofflint.com/Purchasing/bids.asp.

In the RFP, The City is seeking a consultant to review and evaluate the water treatment process and distribution system, provide recommendations to maintain compliance with both state and Federal agencies, and assist in implementing accepted recommendations. The City will have the selected vendor provide reports to reflect their findings and provide continual oversight in implementing any approved recommended practices to improve the quality of water until implementation of the KWA project. The bid will remain open until Monday, January 26, 2015 at 12pm.

–END–

-Jason Lorenz
Public Information Officer
City of Flint
(810) 237-2039
jlorenz@cityofflint.com

CITY OF FLINT
OFFICE OF EMERGENCY MANAGER
GERALD AMBROSE

Jason Lorenz
Public Information Officer
(810) 237-2039
jlorenz@cityofflint.com

For Immediate Release

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–END–

From: Jason Lorenz <jlorenz@cityofflint.com>
Sent: Friday, January 16, 2015 4:55 PM
Subject: PRESS RELEASE: Public Water Presentation
Attachments: Public Water Presentation 1.21.2015.pdf; Adressing Flint's Water Concerns Final.pdf

For Immediate Release

City of Flint Will Hold Public Water Presentation Wednesday, January 21, 2015 at 7:00pm in the City Hall Dome

Flint, Michigan – January 16, 2015 – The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will be held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said City DPW Director Howard Croft. "Our goal is make sure we get people the information on our efforts and assure them that we are on the right track with them."

DPW Director Croft and Utilities Administrator Daugherty Johnson will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

–END–

-Jason Lorenz
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City of Flint
(810) 237-2039
jlorenz@cityofflint.com

Gerald Ambrose
Emergency Manager

Dayne Walling
Mayor

Jason Lorenz
Public Information Officer
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–END–

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is both improved and improving.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document is available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. **"We want the residents, businesses and visitors of Flint to know that the water in Flint is safe**

and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on **Wednesday, January 21, 2015 at 7pm. That presentation will be held in the City Hall Dome** and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW Director Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself and agree to a long term arrangement. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

From: Silfven, Ken (GOV)
Sent: Wednesday, January 21, 2015 10:42 AM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: RE: Flint Public Meeting Carpool

Thanks B.
Sara/Dave – please note reference to city's letter to gov as well tonight's meeting, in case the MLive folks, etc. come your way.
Ken

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 21, 2015 10:19 AM
To: Silfven, Ken (GOV)
Subject: FW: Flint Public Meeting Carpool
Importance: High

See below. There's a public meeting in the city of Flint tonight regarding the ongoing challenges with their drinking water system. The public has concerns – some the result of the city's poor communication efforts, some (I suspect) the result of folks who stir the public fear pot for political leverage. But the City apparently sent a letter to the Governor today. I have not seen it, but wanted to put a flare in the air. See below.
b

From: Busch, Stephen (DEQ)
Sent: Wednesday, January 21, 2015 9:48 AM
To: Wurfel, Brad (DEQ)
Cc: Shekter Smith, Liane (DEQ); Prysby, Mike (DEQ)
Subject: RE: Flint Public Meeting Carpool

Brad,

Mike and I are available most of the day. I have a conference call 11-12 and an offsite meeting 2:30-4:30. Just come down to the first floor whenever you have time.

The issue has further escalated this morning with a letter from the Flint Mayor to the Governor requesting additional assistance.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Wurfel, Brad (DEQ)
Sent: Wednesday, January 21, 2015 9:45 AM
To: Busch, Stephen (DEQ)
Subject: RE: Flint Public Meeting Carpool

Steve, thanks and my apologies for missing our confab yesterday afternoon. SOS stuff made for a crazy day.
Not sure I'm going to make it to Flint tonight, but wanted to spend a few minutes today if you've got time.
Bluntly, I have tremendous confidence in you and Mike to handle yourselves admirably with the public and press.

My only concern is that the City has communicated so poorly that we could end up in position to serve as their defacto spokespeople.
Let me know if you've got a few today.
b

From: Busch, Stephen (DEQ)
Sent: Tuesday, January 20, 2015 3:45 PM
To: Wurfel, Brad (DEQ)
Subject: Flint Public Meeting Carpool

Brad,

Mike and I were planning to carpool up to Flint tomorrow night. Did you want to carpool as well? Just let us know. Thanks.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Murray, David (GOV)
Sent: Wednesday, January 21, 2015 4:55 PM
To: Wurfel, Sara (GOV)
Subject: FW: Flint

Here's how Terry is responding to Flint questions.

From: Stanton, Terry A. (Treasury)
Sent: Wednesday, January 21, 2015 4:35 PM
To: Murray, David (GOV)
Subject: Flint

Jerry Ambrose and his management team are working diligently to ensure Flint residents have access to clean, safe water. To that end, a consultant is being brought in to advise the city on appropriate next steps.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

Treasury staff is also in regular contact with both the city and DEQ and will be providing support as appropriate.

From: Murray, David (GOV)
Sent: Monday, January 26, 2015 4:10 PM
To: Wurfel, Sara (GOV)
Subject: FW: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

From: Fonger, Ronald [mailto:RFONGER1@mlive.com]
Sent: Monday, January 26, 2015 4:07 PM
To: Murray, David (GOV)
Subject: FW: dayne walling/request for comment

From: Fonger, Ronald
Sent: Monday, January 26, 2015 2:28 PM
To: Murray, David
Subject: dayne walling/request for comment

Dave:
I'm attaching an op-ed that Flint Mayor Dayne Walling has given MLive-The Flint Journal. I'm writing a story about his request that the governor visit Flint.
I did hear back from Terry Stanton the last time we asked for a response to the mayor's water improvement plan and I used his comments, however Walling has told me since that he's expecting a response from the governor himself and I'll probably be using that in the story I'm working on also.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

By Flint Mayor Dayne Walling

Access to safe and clean water is a basic human right. And a citizen's right to safe drinking water should not be based on how much money you earn, the neighborhood you live in or if your local government is under the control of an emergency manager.

All citizens have a fundamental right to know that such a critical resource as their water supply is safe and accessible. But that is not happening in Flint at the moment.

That is why, on January 18th, I forwarded a request that Governor Snyder adopt my Flint Water Improvement Plan. My plan, focused on the areas of safety, quality, access, investment and education, starts by calling for 100 percent safety as the standard for water.

The plan calls for reporting of water testing to the public by city officials, an amnesty program to reduce fees for Flint water turn-ons, accelerated water system capital improvements and partnerships with community organizations to help with water payment assistance. I'm also reaching out to other state and elected officials for support.

The request comes as residents, as evidenced in a series of recent community meetings, continue to have concerns about the quality of Flint's water. Earlier in 2014, several boil-the-water advisories were issued by the city because of issues with bacteria found in water in some parts of Flint. Gov. Snyder's appointed emergency manager recently told customers that Flint was in violation of the Safe Drinking Water Act because of the high level of trihalomethane (TTHM) -- a byproduct of chlorination -- in drinking water samples last year.

A contradictory order from the city saying the water was safe but could present risks for infants, the elderly and those with compromised immune systems confused residents further and compounded the worries of Flint's vulnerable populations. Marry that with costly water rates that have threatened individuals' access and you have the crisis of concern and confidence swirling in Flint today.

Sadly, because Flint is under Michigan's controversial emergency manager system of governance, locally elected officials have been largely limited to serving as sounding boards to justifiably worried Flint residents.

This is unacceptable. Not only should Governor Snyder visit Flint in the midst of this ongoing crisis, but his administration should make it the priority that the community expects.

It's time for the Snyder administration to do what is best for the citizens of Flint---immediately. There is nothing more important in Flint right now than fixing the water problems.

This will take time and money so the sooner the new investments are made, the better.

From: Murray, David (GOV)
Sent: Tuesday, January 27, 2015 3:00 PM
To: Wurfel, Sara (GOV); Agen, Jarrod (GOV)
Subject: Flint water meetings are tomorow, and they are here.

Stacie said Dick Posthumus organized two Flint water meetings tomorrow, first with staff, and another later in the day with staff plus Jerry Ambrose, Mayor Walling. The Flint DPS director. I've asked that we be included in both meetings, and Stacie said that shouldn't be a problem.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 27, 2015 5:54 PM
To: Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ); Wurfel, Sara (GOV)
Cc: Brown, Jessica (GOV); Sampson, Jeremy (TREASURY)
Subject: RE: Flint issue

Thank you very much, Terry!

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, January 27, 2015 5:52 PM
To: Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Brown, Jessica (GOV); Stanton, Terry A. (Treasury); Sampson, Jeremy (TREASURY)
Subject: Flint issue
Importance: High

All,

Please see the attached TPs. I have also attached a couple pdfs noted in the TPs. They include the Treasurer's conditional approval of the eventual move to KWA and the EM's response to DWSD's "last, best offer."

Additionally, during my most recent interaction with Jerry Ambrose, he indicated that the water issue is critically important and that he and staff are working on it every day. They have posted a host of information for residents on the City's website (http://cityofflint.com/?p=6251). They have extended the deadline for the Water Quality Consultant RFP to this Thursday, to ensure interested and qualified firms can submit comprehensive proposals and assist the city.

I have also attached the earlier talking points I had shared with Dave.

Let me know if you need anything else in the meantime…or before we speak again…

Terry

From: Katie Carey <kcarey@house.mi.gov>
Sent: Friday, January 30, 2015 11:46 AM
To: Wurfel, Sara (GOV)
Subject: Rep Neeley's Release

Sara –

Just wanted to give you a heads up that Rep Neeley sent a letter to the Gov and asked that I send out the following press release re the water situation in Flint.

FOR IMMEDIATE RELEASE
Friday, Jan. 30, 2015

Contact: Rep. Sheldon Neeley
Phone: (517) 373-8808

Neeley Sends Letter to Governor Concerning Flint Water Crisis

Legislator asks Gov. Snyder to consider plans to fix water system

LANSING – State Representative **Sheldon Neeley** (D-Flint) has sent a letter to Gov. Rick Snyder, as well as his chief of staff, Dennis Muchmore, and his senior advisor, Dick Posthumus, to inform them of the current crisis affecting the city of Flint's water supply. Residents have spoken out about the quality of the water, calling it unsafe to drink. Photos taken by residents and Flint media have shown the water to be brownish in color, with sediment and other foreign bodies floating in it.

"In light of the rising and continuous concerns in the Flint community, it is imperative that the governor explores all options in his power to come to the aid of the community," Neeley said.

In the letter, Rep. Neeley asks for an executive decision by the governor to forgive Flint's water fund loan balance of nearly $20.8 million so that those funds may be used to help the city rebuild the infrastructure as well as provide a cost-effective water delivery system.

With this loan forgiveness, Rep. Neeley explains the city will be able to upgrade wastewater treatment processes, improve safe drinking water upgrades and maintain a water system that provides better water to the citizens of Flint.

"The people of Flint elected me to serve them first, and when I see my constituents on the verge of civil unrest, I must act swiftly and with passion," Neeley said. "I am hopeful this letter will bring the concerns of Flint to Gov. Snyder, and that will in turn open a dialogue about what can be done to help the community I love so much."

###

Katie Carey
Deputy Director of Democratic Central Staff
Press Secretary, House Democratic Leader Tim Greimel & the House Democratic Caucus
517.373.8924 (office)
PPI (cell)
kcarey@house.mi.gov

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 2:02 PM
To: Wheaton, Bob (DHS)
Cc: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Re: Flint Head Start told to not use city of Flint water?

Bob, if that went out on Jn. 29, that's what he's referring to. Do you have a response if I refer him to you?

Also, can you send me a copy of that, because I'm certain we'll get questions today.

It's a bit concerning that such a notice went out and we didn't get a heads-up.

Dave

Sent from my iPad

On Feb 3, 2015, at 12:07 PM, Wheaton, Bob (DHS) <WheatonB@michigan.gov> wrote:

> Everyone,
>
> Attached is a DHS Bureau of Children and Adult Licensing GovDelivery email that went out to subscribers of the BCAL newsletter. It doesn't prohibit child care centers from using Flint water, but suggests that they seek medical advice or use bottled water. So maybe that's what the intermediate school district is talking about regarding the Head Start program.
>
> It's possible MDE could have issued something as well, so I'll check with them.
>
> Bob
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:22 AM
> **To:** Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> I asked Ron to go back to the GISD for some specific information about the recommendation, asking for specific department names and people.
>
> We'll get to the bottom of this.
>
> ---
>
> **From:** Smith, Jennifer (DCH)
> **Sent:** Tuesday, February 03, 2015 11:19 AM
> **To:** Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
> **Subject:** RE: Flint Head Start told to not use city of Flint water?
>
> Not on our end, I think we covered it last week! I was just curious so I could be ready for calls.
>
> ---
>
> **From:** Murray, David (GOV)
> **Sent:** Tuesday, February 03, 2015 11:15 AM

To: Smith, Jennifer (DCH); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Our event is 3 p.m. today. Is there anything that might be important for us to know in advance?

From: Smith, Jennifer (DCH)
Sent: Tuesday, February 03, 2015 11:10 AM
To: Murray, David (GOV); Minicuci, Angela (DCH); Wheaton, Bob (DHS)
Subject: RE: Flint Head Start told to not use city of Flint water?

Hi Dave – is there an event still planned for this week?

From: Murray, David (GOV)
Sent: Tuesday, February 03, 2015 11:08 AM
To: Minicuci, Angela (DCH); Wheaton, Bob (DHS); Smith, Jennifer (DCH)
Subject: RE: Flint Head Start told to not use city of Flint water?

This is news to me. Let me check with Ron for some details.

From: Minicuci, Angela (DCH)
Sent: Tuesday, February 03, 2015 10:48 AM
To: Wheaton, Bob (DHS); Smith, Jennifer (DCH); Murray, David (GOV)
Subject: RE: Flint Head Start told to not use city of Flint water?
Importance: High

Hi Bob,

No, we did not do this. I'm looping in Dave Murray. Dave, any insight?

Angela

From: Wheaton, Bob (DHS)
Sent: Tuesday, February 03, 2015 10:28 AM
To: Smith, Jennifer (DCH); Minicuci, Angela (DCH)
Subject: Flint Head Start told to not use city of Flint water?

Hi Jen, Angela,

Ron Fonger from The Flint Journal left me a message stating that DHS told the Genesee Area Intermediate School District told the Head Start program not to use city of Flint water.

Is that something MDCH did? I'm pretty sure it's not something we'd be doing, but I'm checking with our child care licensing folks to make sure. If this is an MDCH matter, Ron's number is 810-347-9963.

Thanks,

Bob Wheaton
Manager of Communications/Public Information Officer
Michigan Department of Human Services
235 S. Grand Ave. Suite 1510
P.O. Box 30037

Lansing, MI 48909
Phone: 517-373-4287
Cell: PPI
Wheaton8@michigan.gov
www.michigan.gov/dhs

<mime-attachment>

From: Murray, David (GOV)
Sent: Monday, February 09, 2015 12:51 PM
To: Wurfel, Sara (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Re: Flint Water Update

It seems as if a crisis was created to provide work for a consultant client.

Sent from my iPhone

On Feb 9, 2015, at 12:33 PM, Wurfel, Sara (GOV) <Wurfels@michigan.gov> wrote:

> Not really – still wondering if TR is working with/through the Emergency Manager OR mayor, or both?
>
> Regardless, is a bit fishy.
>
> ---
>
> **From:** Wurfel, Brad (DEQ)
> **Sent:** Monday, February 09, 2015 12:17 PM
> **To:** Stanton, Terry A. (Treasury); Wurfel, Sara (GOV); Murray, David (GOV)
> **Subject:** FW: Flint Water Update
>
> Answers the question about whether the Mayor is getting counsel from TR …
> b
>
> ---
>
> **From:** Kelly Rossman-McKinney [mailto:krossman@truscottrossman.com]
> **Sent:** Monday, February 09, 2015 12:01 PM
> **To:** Wurfel, Brad (DEQ)
> **Subject:** Flint Water Update
>
> Hi, Brad – Wanted to let you know that Flint will be announcing its water consultant tomorrow at a 2 PM media roundtable. Holler if you have questions or need info. Thanks!
>
> Kelly

<image001.gif>

Kelly Rossman-McKinney, APR
CEO
Truscott Rossman • truscottrossman.com
Boji Tower • 124 W. Allegan St., Ste. 800 • Lansing, MI 48933
200 Renaissance Center, Suite 3160 • Detroit, MI 48243
125 Ottawa Ave NW, Suite 235 Grand Rapids, MI 49503
Office: 517-487-9320
Fax: 517-487-5080
Cell: PPI

From: Fonger, Ronald [RFONGER1@mlive.com]
Sent: Friday, March 29, 2013 9:10 AM
To: Wurfel, Sara (GOV)
Subject: FW: status of flint's participation in kwa water pipeline

Hi Sara. Can you help me with this?
I understand there was a meeting between some state, city and county officials Thursday.
Thank-you

From: Fonger, Ronald
Sent: Wednesday, March 27, 2013 10:30 AM
To: 'Wurfel, Sara (GOV)'
Subject: status of flint's participation in kwa water pipeline

Sara:
I'm following up on the Flint City Council vote Monday to join in the KWA water pipeline project (a link to our story is attached).
The vote comes after the mayor and emergency manager endorsed the project as well.
As you know, because of the emergency manager in Flint, we have been waiting to see if the state will allow for the expenditures involved in building the pipeline.
Can we get a comment on where the state is in making that decision?
Thanks,

Ron Fonger
810.347.9963

http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html#incart_river_default

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Friday, March 29, 2013 10:27 AM
To: Wurfel, Sara (GOV)
Subject: FW: status of flint's participation in kwa water pipeline

Sara:
Sorry to keep bugging you but I want you to know that flint's em just told us that the recommendation on flint becoming a part of the kwa has gone from the state treasurer to the governor.
Please contact me so I can include comment from your office.
Thanks for your help!

Ron Fonger
810.347.9963

From: Fonger, Ronald
Sent: Friday, March 29, 2013 9:10 AM
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Subject: FW: status of flint's participation in kwa water pipeline

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Thank-you

From: Fonger, Ronald
Sent: Wednesday, March 27, 2013 10:30 AM
To: 'Wurfel, Sara (GOV)'
Subject: status of flint's participation in kwa water pipeline

Sara:
I'm following up on the Flint City Council vote Monday to join in the KWA water pipeline project (a link to our story is attached).
The vote comes after the mayor and emergency manager endorsed the project as well.
As you know, because of the emergency manager in Flint, we have been waiting to see if the state will allow for the expenditures involved in building the pipeline.
Can we get a comment on where the state is in making that decision?
Thanks,

Ron Fonger
810.347.9963

http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html#incart_river_default

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Friday, March 29, 2013 12:20 PM
To: Wurfel, Sara (GOV)
Subject: FW: status of flint's participation in kwa water pipeline

Sara:
Talked to Kurtz a second time.
I may have misunderstood his comments about the status of the pipeline issue in lansing.
He says he doesn't know if the rec. has gone from treasurer to the governor.
However, he confirms his recommendation in yesterday's meeting was for flint to join kwa.
My story will reflect that. It's the first time the emergency manager was endorsed the kwa, joining the mayor and city council.
We are still interested in the governor's position on this and the status of the state treasurer's recommendation to governor (or will the state treasurer make the decision?) Thanks,

Ron Fonger
810.347.9963

-----Original Message-----
From: Wurfel, Sara (GOV) [mailto:Wurfels@michigan.gov]
Sent: Friday, March 29, 2013 10:52 AM
To: Fonger, Ronald
Subject: Re: status of flint's participation in kwa water pipeline

Sorry, Ron, have been in back-to-back meetings. Am trying to track info down so we can get back with you asap.

Thanks,
SW

Sent from my iPad

On Mar 29, 2013, at 10:27 AM, "Fonger, Ronald" <RFONGER1@mlive.com<mailto:RFONGER1@mlive.com>> wrote:

Sara:
Sorry to keep bugging you but I want you to know that flint's em just told us that the recommendation on flint becoming a part of the kwa has gone from the state treasurer to the governor.
Please contact me so I can include comment from your office.
Thanks for your help!

Ron Fonger
810.347.9963

From: Fonger, Ronald

Sent: Friday, March 29, 2013 9:10 AM
To: 'Wurfel, Sara (GOV)'
Subject: FW: status of flint's participation in kwa water pipeline

Hi Sara. Can you help me with this?
I understand there was a meeting between some state, city and county officials Thursday.
Thank-you

From: Stanton, Terry A. (Treasury)
Sent: Tuesday, April 02, 2013 9:18 AM
To: Buhs, Caleb (GOV); Wurfel, Sara (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: Fwd: Flint Water System Update

All,

Steve Carmody has asked for some information on this.

I will follow up with him based on the general info below. Any other "updates" at this point?

Thanks, Terry

Begin forwarded message:

> **From:** "Buhs, Caleb (GOV)" <BuhsC2@michigan.gov>
> **Date:** March 29, 2013, 1:12:05 PM EDT
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Stanton, Terry A. (Treasury)" <StantonT@michigan.gov>
> **Cc:** "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Silfven, Ken (GOV)" <silfvenk@michigan.gov>, "Weiss, Kurt (GOV)" <WeissK5@michigan.gov>
> **Subject: Flint Water System Update**
>
> After speaking with Andy, Dan, Dennis and John, we have a plan for the next steps in Flint's request to participate in the KWA with Genesee County. Here is what we can confirm publicly, although unless it's a permitting question, we should have Treasury (Terry or I) answer any inquiries.
>
> Ed Kurtz will submit a resolution to join the Karegnondi Water Authority (KWA) to the Treasurer, likely today. Once I receive word that we have officially received, we can confirm that we have it and the Treasurer will thoroughly review the resolution and perform due diligence before making a decision. Under PA 436, the State Treasurer must approve contracts over $50,000 that were not competitively bid.
>
> No date has been set for the Treasurer to complete his review, but, he is fully aware of the tight timelines necessary to get approvals for the upcoming construction season, and will conduct his review accordingly.
>
> That is all we can confirm publicly through next week. Just so you are aware, **and not for public consumption**, a call was placed to DWSD to let them know that Ed Kurtz was submitting his request and that if they have a final best offer that they should submit it very soon. This may prompt them to go to the media, or not, but be prepared if you get a call from that angle.
>
> We need to develop some talking points for the following week, when Andy makes his determination. I will try to put together a draft by the end of the day and send it around for review. If anyone has anything they would like me to add, feel free to send it my way.
>
> Let me know if you have any questions.
>
> -Caleb

From: Fonger, Ronald <RFONGER1@mlive.com>
Sent: Monday, January 26, 2015 3:54 PM
To: Wurfel, Sara (GOV)
Subject: FW: dayne walling/request for comment
Attachments: flintwater_oped_final1.docx

Hi Sara:
I'm sorry, but I am having to turn this around quickly wanted to make sure I was able to reach someone

---

From: Fonger, Ronald
Sent: Monday, January 26, 2015 2:28 PM
To: Murray, David
Subject: dayne walling/request for comment

Dave:
I'm attaching an op-ed that Flint Mayor Dayne Walling has given MLive-The Flint Journal. I'm writing a story about his request that the governor visit Flint.
I did hear back from Terry Stanton the last time we asked for a response to the mayor's water improvement plan and I used his comments, however Walling has told me since that he's expecting a response from the governor himself and I'll probably be using that in the story I'm working on also.

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

By Flint Mayor Dayne Walling

Access to safe and clean water is a basic human right. And a citizen's right to safe drinking water should not be based on how much money you earn, the neighborhood you live in or if your local government is under the control of an emergency manager.

All citizens have a fundamental right to know that such a critical resource as their water supply is safe and accessible. But that is not happening in Flint at the moment.

That is why, on January 18th, I forwarded a request that Governor Snyder adopt my Flint Water Improvement Plan. My plan, focused on the areas of safety, quality, access, investment and education, starts by calling for 100 percent safety as the standard for water.

The plan calls for reporting of water testing to the public by city officials, an amnesty program to reduce fees for Flint water turn-ons, accelerated water system capital improvements and partnerships with community organizations to help with water payment assistance. I'm also reaching out to other state and elected officials for support.

The request comes as residents, as evidenced in a series of recent community meetings, continue to have concerns about the quality of Flint's water. Earlier in 2014, several boil-the-water advisories were issued by the city because of issues with bacteria found in water in some parts of Flint. Gov. Snyder's appointed emergency manager recently told customers that Flint was in violation of the Safe Drinking Water Act because of the high level of trihalomethane (TTHM) -- a byproduct of chlorination -- in drinking water samples last year.

A contradictory order from the city saying the water was safe but could present risks for infants, the elderly and those with compromised immune systems confused residents further and compounded the worries of Flint's vulnerable populations. Marry that with costly water rates that have threatened individuals' access and you have the crisis of concern and confidence swirling in Flint today.

Sadly, because Flint is under Michigan's controversial emergency manager system of governance, locally elected officials have been largely limited to serving as sounding boards to justifiably worried Flint residents.

This is unacceptable. Not only should Governor Snyder visit Flint in the midst of this ongoing crisis, but his administration should make it the priority that the community expects.

It's time for the Snyder administration to do what is best for the citizens of Flint---immediately. There is nothing more important in Flint right now than fixing the water problems.

This will take time and money so the sooner the new investments are made, the better.

From: Murray, David (GOV)
Sent: Thursday, February 05, 2015 5:21 PM
To: 'rfonger1@mlive.com'; Wurfel, Brad (DEQ); Wurfel, Sara (GOV)
Subject: Meeting with ministers

Hi Ron,

I was in the meeting with the Concerned Pastors yesterday, and was asked to reply to your question.

There was a good meeting yesterday, led by Pastor Harris, who is the administration's point of contact. The ministers are passionate about helping their parishioners as well as all of the people living in Flint. Our goals are similar, with the governor saying that Flint residents deserve clean, safe water. Discussions will continue. The administration is exploring all options available as it responds to concerns raised by Flint residents.

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
PPI mobile
Twitter:@michigandmurray

From: Paciorek, Josh (GOV)
Sent: Monday, January 26, 2015 9:16 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: RE: Hit Time and Focus for Today's 11a b
Attachments: Adressing Flint's Water Concerns final.docx; Flint Water TPs.docx;

Not Responsive

Hi team,

Here are the talking points regarding Flint water, the doc addressing Flint' Water Concerns, and the Gov's statement on

Not Responsive

I don't think the Gov has said anything public regarding Flint water, but I doubled check and still didn't find any articles, quotes, etc. There was this article about Mayor Walling's letter to the gov regarding Flint water: http://www.mlive.com/news/flint/index.ssf/2015/01/flint_mayor_asks_governor_for.html

Josh

From: Agen, Jarrod (GOV)
Sent: Monday, January 26, 2015 8:52 AM
To: Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: RE: Hit Time and Focus for Today's 11a b

Not Responsive

Also – we'll need anything state has said on Flint water (if anything).

From: Wurfel, Sara (GOV)
Sent: Monday, January 26, 2015 8:50 AM
To: Agen, Jarrod (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Rexford, Tori (GOV); Murray, David (GOV); Silfven, Ken (GOV)
Subject: FW: Hit Time and Focus for Today's 11a b
Importance: High

FYI

From: Malzberg, Marie [mailto:Marie.Malzberg@turner.com]
Sent: Monday, January 26, 2015 8:46 AM
To: Wurfel, Sara (GOV)
Subject: Hit Time and Focus for Today's 11a b
Importance: High

Good Morning Sara!

As of now, we have Governor Snyder hitting with John Berman and Kate Bolduan at about 11:20a ET. The FOX studio is good to go!

Thanks again!
Marie

MARIE MALZBERG
CNN SR. EDITORIAL PRODUCER
212-275-8261
917-751-5728
MARIE.MALZBERG@TURNER.COM
@MARIECNN

Addressing Flint's Water Concerns

Recent events have raised concerns among many as to the safety and quality of the water provided by the City's utility system. The City is and continues to be committed to assuring that residents and visitors know that the water is safe and that those responsible for providing water are working every day to improve the quality of the water. The quality of the water does need improvement, but that is not to be confused with safety of the water. The recent notice by MDEQ clearly stated that the water provided by the utility system is safe to drink, but cautioned that some vulnerable groups may want to consult with their health care provider if they have concerns. The City remains committed to their efforts to assure that the water is safe for everyone and that quality is improved.

To date, the City has taken the following actions:

- As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

- The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time some of the established guidelines. This resulted in the issuance of the recent notices to the public. Upon receipt of information that some guidelines were exceeded, the City's priority focus was to bring water quality back within guidelines. Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

- The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern, to identify the steps being taken to address the issues. This is being implemented through detailed and easy to understand educational materials being made available both online and at City Hall, as well as through ongoing public informational meetings.

- Most recently, in light of recent concerns raised by resident groups over the quality and safety of water, Department of Public Works Director Howard Croft and his staff collected questions from citizens during a recent public meeting. After reviewing these questions, DPW Director Croft and his staff set out to answer them in concise detail; the result of that work is a full Water System Questions and Answers document which has been made available online. Along with the detailed information within, the document also contains links to other source documents and regulatory statutes found online which were used as reference. "We want the residents, businesses and visitors of Flint to know that the water in Flint is safe and that we are working every day to make improvements to our system to ensure that," said Croft. "Our goal is make sure we get people the

information on our efforts and assure them that we are on the right track with them." More documentation, including regular water quality monitoring reports, will be made available as they become ready for distribution.

- Additionally, a number of public meetings have and will continue to take place. Two of the most recent of these took place at the Antioch Baptist Church and the Mott Community College Regional Technology Center. These meetings were held by concerned neighborhood groups and were attended by Mayor Walling and DPW Director Croft. At both meetings, citizens voiced their concerns and asked questions about water quality and the recent violation notice. Director Croft offered detailed answers to common questions, but also offered to investigate specific water issues raised by residents in which the City could offer assistance. Those in attendance came away with a better understanding of the issues surrounding the drinking water in their community.

- The City of Flint will be hosting a water presentation on Wednesday, January 21, 2015 at 7pm. That presentation will held in the City Hall Dome and will feature information detailing water treatment, water distribution and the steps being taken to ensure that citizens get water that meets all regulatory safety and quality standards. City DPW officials Howard Croft and Daugherty Johnson, Utilities Administrator, will be joined on a panel by representatives from the Genesee County Drain Commissioner's office, the Michigan Department of Environmental Quality and LAN engineering. Written questions from the audience will be collected during the presentation and answered by the panel after the presentation.

- The City of Flint has also determined that in light of the serious concerns raised, it will secure the services of an external firm with expertise in managing drinking water quality to assess the steps that the city has taken, to make recommendations as to other steps to be taken, to oversee their implementation, and to monitor operations until the City's water source becomes the KWA.. A Request for Proposal was issued on January 15, 2015, with proposals due back on January 26.

The DWSD Question:

As a result of the concerns raised, several community members have suggested that the City reconnect to the Detroit Water and Sewer Department (DWSD). DWSD has advised that they would be willing to allow such a reconnection without a hook-up fee. However, the City would be obligated to pay a fixed monthly charge of $846,700 plus the $14.92/Mcf cost of water itself. The City's analysis of the DWSD proposal concludes that the City's cost would increase by more than $12 million per year at the proposed rates, and could increase even more as proposed rates are subject to change after July 1, 2015. This increase in costs would not be in the best interests of the City or its water users, as the City is committed to assuring safety and improving water quality by following its current plan, and reconnecting to DWSD would likely require deferment of existing capital improvements or an additional increase in rates.

Talking Points:

The City, in conjunction with the Dept. of Environmental Quality, is working diligently…every day…to ensure Flint residents have access to clean, safe water. To that end, the City has issued an RFP soliciting expert assistance to assure the City is doing everything it needs to be doing.

The city continues to work closely with staff from the Department of Environmental Quality (DEQ) to ensure water meets safety guidelines, that water operations are managed properly, and all regulations are met.

The city is committed to addressing the issue and continues to pursue its strategy.

Background:

On December 16, 2014, the City of Flint received a violation notice from the Michigan Department of Environmental Quality (DEQ), stating the City water samples were in violation of Maximum Contaminant Levels (MCL), a violation of the Safe Drinking Water Act (PA 399 of 1976).

The DEQ considers the violation period to have begun December 1, 2014. The violation was triggered when water sample reports showed that the City's water quality, on average, exceed the total allowable level of *Disinfection Byproducts* during the first three quarters of 2014. Further, four of the City's eight water sample site locations individually exceeded allowable MCL levels during the same period of 2014.

These conditions are considered a Tier 2 violation and, as a result, the City was required to notify the public of these contamination levels by January 10, 2015 (which was done) and continue to notify them every three months until the violation is resolved.

The City outlined some potential remedies to the problem in its initial Operational Evaluation Report, dated November 26, 2014. These potential remedies are intended to be implemented in stages. Stage 1 consists of actions that can be implemented without any new construction within the distribution system and are due to be implemented by early March 2015.

- Troubleshooting of the ozone system.
- Implementation of different testing methods.
- Operational changes at the Water Treatment Plant.
- Increase water main flushing efforts to minimize stagnant water.
- Identify areas with high water age and implement preemptive measures.

The City will be providing additional potential solutions when it updates the Operational Evaluation Report, which must be submitted to the DEQ by March 1, 2015.

To date, the City has taken the following actions:

As an integral part of the transition to the Flint River on a temporary basis, the MDEQ was consulted about the City's plans, and ultimately issued necessary permits to proceed. The City also engaged the services of the LAN engineering firm to guide the city in installing the necessary equipment to treat the water on an ongoing basis. This resulted in the development of a comprehensive drinking water plan.

The City monitors its water quality on a daily basis to assure that water quality remains within established guidelines. With the variances in water temperature and the leakage and infiltration problems arising as the result of failure of parts of the distribution system, water quality did exceed, for a time, some of the established guidelines. This resulted in the issuance of the recent notices to the public.

Efforts taken to address non-compliance included increasing water flow through valve replacements and hydrant flushing and optimizing treatment processes.

The City has committed to increasing communication with the public in order to inform water users factually of the issues which have arisen, to alleviate unnecessary concern and to identify steps being taken to address the issues. This is being implemented through detailed educational materials being made available both online and at City Hall, as well as through public informational meetings. Additionally, a full Water System Questions and Answers document is available online.

Additional information:

State and city officials have said exposure to TTHM is a long-term concern for some if they drink water with elevated TTHM for several decades.

Notices indicated that Flint water is safe to drink but warns those with a "severely compromised immune systems or who are elderly" may be at increased risk and should seek advice about drinking water from your health care provider.

The city and county are partners in the Karegnondi Water Authority, which is building a pipeline to Lake Huron to bring lake water here for use by the end of 2016.

Returning to DWSD would add approximately $1 million (monthly) to the City expenses.

This Document is a Non-Responsive Attachment.

From: Agen, Jarrod (GOV)
Sent: Tuesday, January 27, 2015 2:19 PM
To: Wurfel, Sara (GOV)
Cc: Rexford, Tori (GOV)
Subject: RE: comms meeting
Attachments: Gov Comms Update 1-27-15.docx

From: Wurfel, Sara (GOV)
Sent: Tuesday, January 27, 2015 2:19 PM
To: Agen, Jarrod (GOV)
Cc: Rexford, Tori (GOV)
Subject: Re: comms meeting

Looks like old agenda in attachment?

Sara Wurfel
Press Secretary | Executive Office of Governor Rick Snyder

Sent from my iPhone

On Jan 27, 2015, at 2:15 PM, "Agen, Jarrod (GOV)" <AgenJ@michigan.gov> wrote:

> Things to add?
>
> <Gov Comms Update 1-27-15.docx>